Roger W. Arnold W4EHW
221 SW 22nd Ave.
Miami, Fla.

FLORIDA SKIP

A Non Profit Organization

VOL 6 — NO. 2 | The All Florida Radio Amateur's Publication | JULY, 1962

IN THE STATE C.D. PLAN

The State of Florida Civil Defense Operational Plan for National Disasters has a chapter on communications which says in part: "The Radio Amateurs have well established emergency networks designed especially to handle disaster traffic and can be counted on to furnish assistance." A few paragraphs later it says: "E. Amateur Radio Emergency Communications.

1. The Amateur Radio Emergency Communications sys-

(Cont. on Back Page)

AREC MANUAL REVIEW

As requested I have read the manual, reread it and tonight I have studied it page by page.

The thought and effort that have gone into this A R E C text have paid off. Try as I have, drawing on years of disaster experience, I can not come up with a condition which is not covered, but

(Cont. on Back Page)

KIT BUILDERS.

Dear Mabel:

My goodness, you certainly have been a busy girl. I can hardly wait to hear what clyde thinks of his brick rig.

I don't see how you have time to do so much. I have trouble keeping up with the yard work, housework, and carpentry. I made some lovely bookcases last week, I really am proud of them . . . and to think I had never held a saw before Homer took up radio.

Did you give Clyde a n y-thing for Thanksgiving? I know he expects a gift every holiday. I didn't give Homer anything. We aren't speaking - again.

(Cont. on Back Page)

FLORIDA AMATEUR WEEK

(Editors note: Sorry but this arrived too late for the June issue, but nevertheless here it is.)

P R O C L A M A T I O N

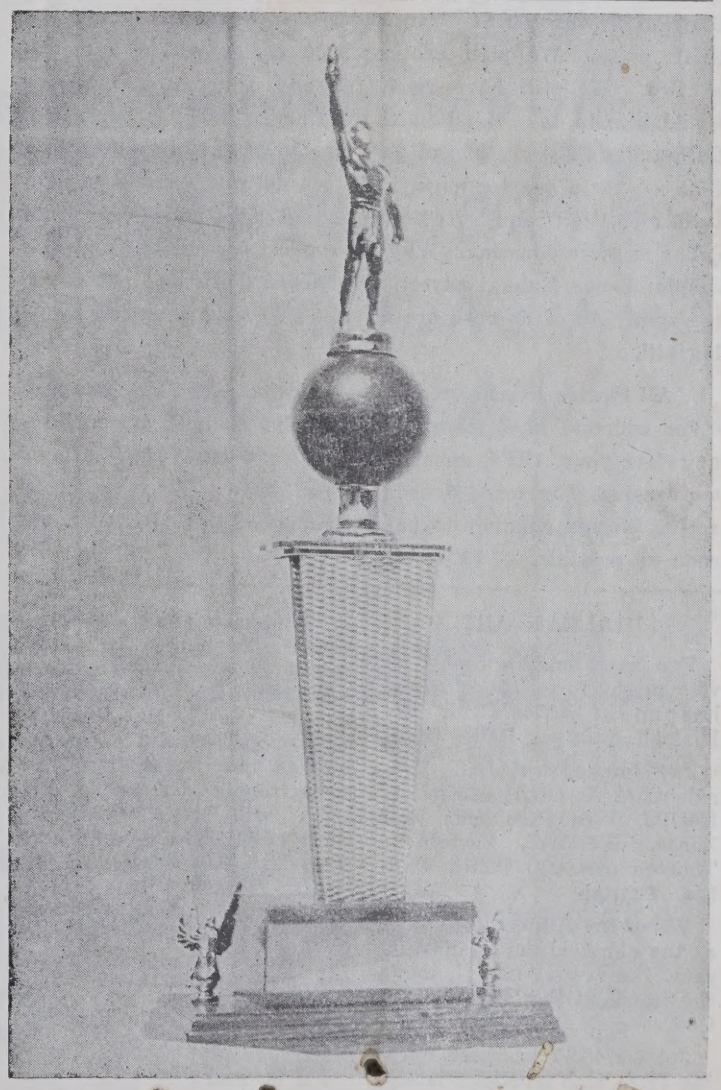
GOVERNORS OFFICE

WHEREAS, Florida Amateur Radio Operators give unstintingly of their time talents and energies to provide emergency comunications whenever and wherever needed, and

WHEREAS, foreswearing all considerations o f monetary

(Cont. on Back Page)

This FLORIDA SKIP FIELD DAY TROPHY will go to the Florida Club or group to turn in the highest score (and logs) for a single transmitter. (It could even be a one-man team.) Remember the word is "score" not "number of contacts." All Florida clubs are urged to send SKIP their scores, location, number of operators, type of transmitters and any other info you wish for publication in next months issue. Here is your chance to get your scores in print — many months before they appear in QST. Please don't put it off. Good luck and may the best operators win!



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P. O. Box 501
Miami Springs 66, Florida

Enclosed is $2.00 for 1 year or $4.00 for 3 years for my membership to Florida Skip.

New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FROM THE EDITOR

Who will be the big winners of the SKIP field day trophies this year? We will know when the final scores are published in QST. In the meantime, all Clubs and groups are strongly urged to get in your scores, location, type of transmitter, number of operators and any other remarks you may like to make about our FD. We will print the scores we receive in the August issue. Our deadline is July 15th.

By the time you read this the first 2000 copies of our new State of Florida AREC Manual of Operations will be off the SKIP press. We plan another 3000 copies within a month or two. We still have room for any Club or group who would like to take a ad in the Manual. Dade, Orlando and Gainesville clubs are in and we'd like to have many others. A Club ad, for a quarter page, is fifteen dollars. Anyone wishing to list his "call" and "city" on a special page may do so for a dollar or more donation. Why the request for money? Well, a couple of our Manual advertisers backed down and put us on the spot. As of now we are about $300.00 short on the printing bill.

All Florida ECs are requested to advise your SEC (see page 2 for address) how many copies of the Manual you will require for your AREC membership. Please don't put it off, as we are into Hurricane Season as you know. We want every active Florida amateur to have a coupy of the AREC manual soon as possible. 73 - AC

HIALEAH ARC

For new amateurs and us who might forget here is the line up of officers for the Hialeah Amateur Radio Club:

Jay Jennings, K4JAL, President; M. T. (Red) Clotfelter, K4GPJ, Vice President; Ron Lance, W4HEW, Secretary; Thorton (Smitty) Smith, Club Sta. Trustee

We of the Hialeah club were at the old field day stand this year. The Press Box high above the stands at the Hialeah Race Course.

John, K4ZSY has been missing from club meetings lately. He has been going to school nights learning the finer points of electronics. Al W4-LSA has been transmitting pictures via 420 MC. We have TV Receiver at club to receive picture but found it needed some repairs. Chauncey K4-DZP still working nights Smitty W4HZG not home much now days. Made trips to Hawaiian Islands, Virgin Islands and Chicago. Roland WN4EJP doing fine job on couple of projects. Two meter rig and TV broadcaster.

Best of luck to the Byscayne Amateur Radio Club.

73, Red

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FLORIDA SKIP NOMINATING COMMITTEE: Herb Hamilton K4KDN, 1524 So. Lake Howard Dr., Winter Haven — Herb Ziegler K4LCF, Box 12 New Smyrna Beach — Evelyn D. Gauzens W4WYR, 2780 NW 3rd St. Miami 35.

DEAR MABEL XYL AWARD Anne Pitcher K4RDX, RFD 2, Stuart, Fla.

FLORIDORAS — Jeri Bolles, K4RCX, 109 SE 13th Ave., Ft. Lauderdale, Fla.

W. FLA. NEWS, Frank Butler Jr., W4RKH, 494 W. Elliott Rd. Ft. Walton Beach.

RTTY Don Wiggins W4EHU, 7110 Cane Hills Cr., Orlando.

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STATE OF FLORIDA AMATEUR RADIO MOBILE CALLING AND EMERGENCY FREQUENCY 29,560KC

GENERAL CLASS LICENSE COURSE

F.C.C. License Preparatory Course will be given at South West Miami High School beginning Sept. 4, 1962. The 120 hours of class room instruction includes both code and theory, preparing the student to pass the General Class Amateur Radio License examination.

Classes a r e scheduled for Monday-Wednesday and Tuesday-Thursday meetings from 7 to 10 p.m. A $2.00 registration fee is required for the course. For more information call South West Miami High School or Mo 1-2804.

FLORIDA SKIP CORRESPONDENTS

Feature W4TAS, Hank McMurra, 200 Avenue "A" West, Bradenton.

R. A. C. E . S., W4UHY, Art Melvin, 1023 Brandywine St., Jacksonville.

DX, W4LVV, Chuck Bolvin, 2310 SW 27th Lane, Miami 33.

Net, Flamingo, W4DWN, Walt Dixon, 820 NE 123rd St., Miami 61.

NOVICE FORUM, W4UHF, H. Roy Scott, 8643 Twin Lake Blvd., Tampa 4.

VHF IN FLORIDA. Allen A. Engleman, W4RMU 2442 Pine Estates Road So., Jacksonville 8, Fla.

Net FAST and Sidebanders of Florida, Bert Witham W4CNZ Quarters R-6 USN Station Key West.

Mabel, P. O. Box 501 Miami Spring 66.

Club, W4BKC, Harold Shea, 7 W. Columbia St., Orlando.

6 Meter SSB W4WAQ Pat Ferro, 1364 NW 23rd Ct., Miami 35.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPI, Red Clotfelter, 660 E. 60th St. Hialeah.

Club Fort Myers, Ken Stewart, W4SMK, Box 463, Ft. Myers.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Hint & Kinks, W4UGC, R. V. Frederick, 460 N.W. 108th Terr., Miami 50.

SCM — EASTERN SCM, A. L. Hamel K4SJH, 1300 NE 42nd Ave., Pompano Beach.

SEC — Eastern SEC, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66.

SCM — WEST FLORIDA, Frank M. Butler Jr., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

SEC — Western SEC, George Thurston W4MLE, 3407 Prock Dr. Tallahassee.

Net QFN, K4FMA, Don Murray. 1780 NE 146th St., No. Miami 61.

The Old Timer, c/o F.S., P. O. Box 501, Miami Springs 66.

Gold Coast 6 N 2 News, K4RNG, Les Cox, 15140 So. River Dr., Miami 69.

Net. BEN-2 WN4AZZ and WA4-BMC, 1510 17th Ave. No., Lake Worth, Fla.

TIP'S TIPS, G. Curran, W4GJI, Box 48, Palm Beach.

SPARKS 'N' SPUTTERS POEM, Sandy Hastings K4DHD, 66, NE 172 St., North Miami Beach.

Club. Suncoast VHF, L. Johnson, WA4EEZ, 6601 Bougainvilla Ave. St. Pete 7, Fla.

Net. Broward Two, Waldo B. Kurtz, 1416 NE 3rd Ave. Ft. Lauderdale. Club,

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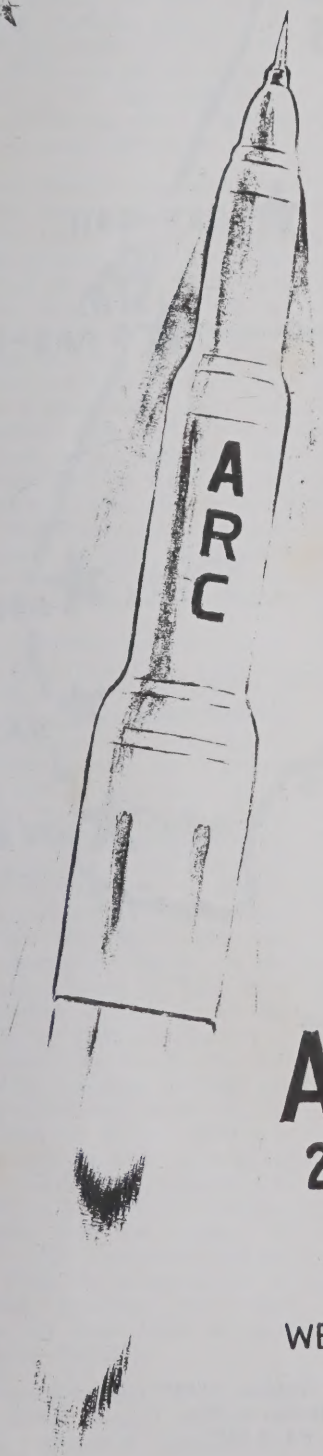

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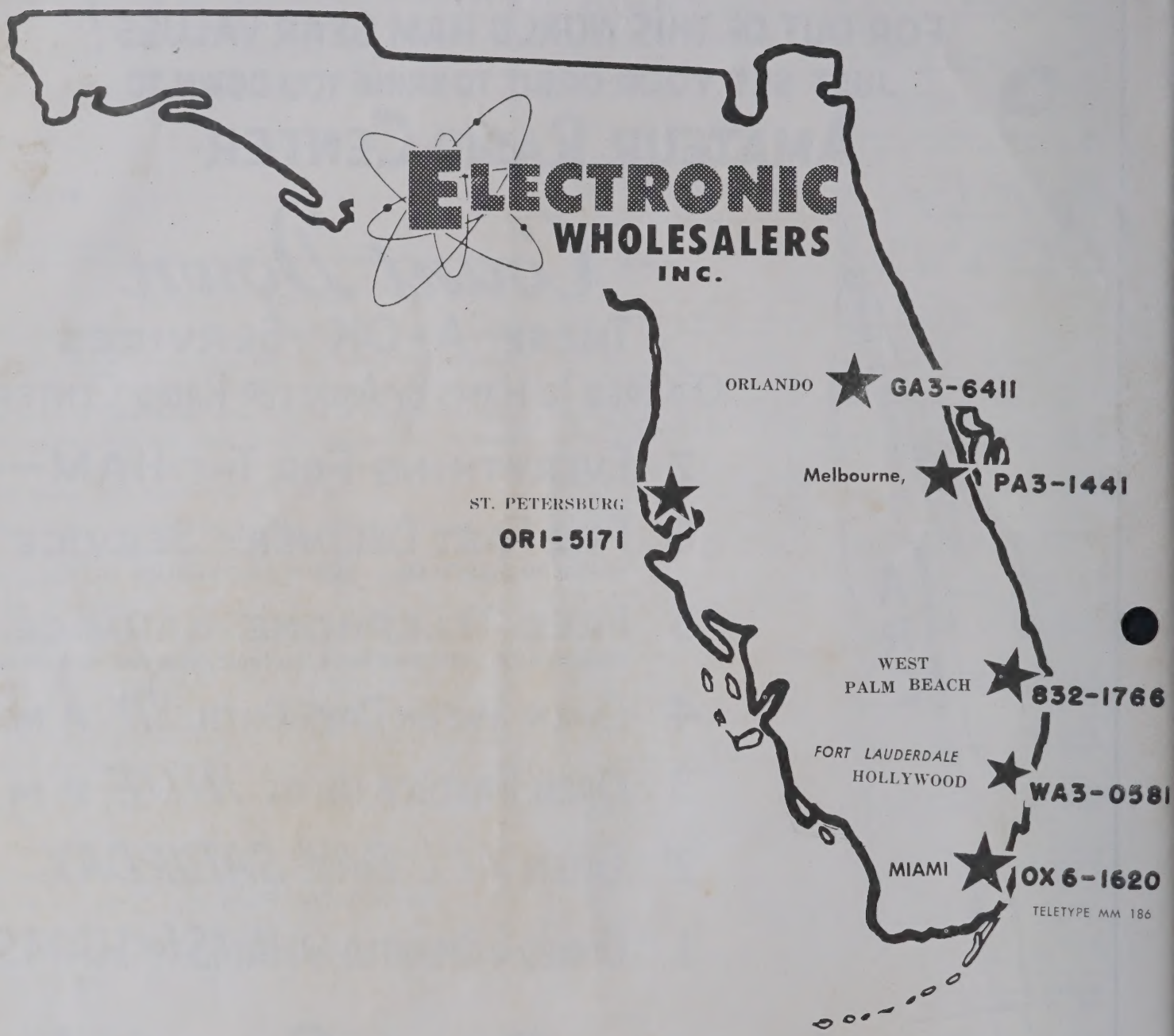

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SCM CORNER

There are still many traffic handlers who are not reporting their activity at the end of each month. There seem to be several mistaken reasons for this. Often heard is "I don't think it was enough to report." Just keep in mind that Woolworths made a fortune with small sales to many people. All these small reports add up to a respectable total, in fact, one of the reasons why Eastern Florida came out on top for the year 1961 was the LARGE number of reporting stations and not so much the large individual totals. The number of stations reporting is also considered in establishing first place in the national ratings .

One SMALL complaint here is the large number of late reports received, that is, those reaching this office after the sixth of the month. Many forget to report and are not reminded until they receive a radiogram from the SCM. Reporting on time COULD become a nice habit gents but, nevertheless please DO report, on time or not and even the smallest total is welcome. On reporting, please bear in mind that the number of messages received cannot be smaller than the total of those relayed and delivered.

It is particularly important that OES report as soon after the end of the month as possible so that their material has a chance to be included in the QST column for VHFers. This office gets two copies of the form, forwarding one to Hq ARRL after appropriate notations are made. The other copy is filed here. A simple radiogram or postcard request to this office will get you an emergency supply of the necessary forms but your main requisition should go to Hq ARRL for filling. Allow about six weeks for results. We are growing stronger in OES appointments and hope we can continue to do so. This appointment makes it possible for ARRL to "spread the dope" to VHFers all over the country thru the pages of QST. OES appointees also are the first to receive news of special projects, etc. that come up from time to time such as OSCAR.

Regarding OO and OBS appointees. May I remind all those presently engaged in these activities that their number, in each section, is limited. These appointments are necessarily rather expensive to maintain and a reasonable effort is required from each amateur so appointed. Official Observers are asked to take stock of their present efforts to see if they are really getting the results they should. These results show up best in the number of card notices sent out which appears on the monthly report.

Even the expenditure of only a half hour daily should produce the mailing of at least ONE notice a day. Taking just one area of observation for consideration will point out that many, many notices could be sent ie: out of band harmonic radiation. Overmodulation is stil rampent among the AMers and some cases of improper SSB signals have been observed.

In order to justify an OO appointment two things must be constantly considered (1) sufficient reported activity; (2) consistent, on time, reporting, one copy direct to Hq ARRL and the other (and this is important) to this office. The OOs that we have MUST be dedicated and remain reasonably active. The FCC has permitted us to largly police our own bands. Remember, a timely notice will often save an amateur an FCC citation.

The importance of an OBS maintaining his regular published schedules is self evident. A following of regular listeners is soon lost when skeds are not maintained. Those OBS who can not or do not maintain their skeds with reasonable consistency wil find that their appointments MUST be terminated. Good coverage of this section is a necessity. Needless to say ORS and OPS appointees, in order to retain apointment, must (1) report regularly; (2) report at least the minimum amount of traffic required to make the issueing of this appointment for failure to comply with the above.

Thanks and 73
Ham K4SJH SCM

SILENT KEY

George Drought W4QLX of Lake Worth, Florida died following a heart attack on May 30, 1962. Originally from Rye, N. Y., he lived at South C. St. A veteran of World War II and Korean War, George was a dietary chef at Lantana Tuberculosis Hospital. He was 51. (From W4GWF)

S - E - T

We've hardly rested up from "HURRICANE SET" of 1961, but already we're doing some planning for SET '62. W4RKH, K4SJH, W4IYT and W4MLE among others got some general ideas formulated in Orlando. They ran along these lines:

(1) We'll hold SET in September this year (It's OK by ARRL and we don't risk doubling with a hurricane to such an extent.)

(2) We'll hold it down to either 12 or 24 hours. No longer than that.

(3) We want to test our new arrangement with Red Cross by handling a pile of their traffic.

(4) We want to make maximum use of 10 meter and VFH by working every-body possible into a Key City on VHF and handling long-haul stuff on HF nets only between Key Cities as much as possible. (This will reveal some pags. Panama City, Ccala, Gainesville, Ft. Myers, Ft. Pierce, to name a few, may have trouble working a Key City direct on VHF. In that case, they'll have to use HF. But this is what we want to lear about.)

This is a good time, before SET sets in, to get to work on your county AREC plan. We'd like to have on file a pla from every EC for his county. Even if you're the only ham in your county, you need a plan to proceed by. Get together with your assistant ECs, your local CD director, Red Cross Chapter Chairman and decide what you've going to do about communications. Then put it on paper and refer to it when the time comes.

Think through carefully how your county fits into the State Plan. If you've a Key City, your plan is half written b y t h e requirements of the State P l a n. If you're in a county with only a few hams, or if you're the only ham, you have a different problem. Until disaster strikes your county, you have few duties or responsibilities except to help out in net operations as you can.

WHEN disaster vits you. you must know in advance how many nets you can man at once. You must decide which nets you will normally man. If you're the only station operating from a disaster area, you will probably want to pick a net and stick with that one net. But which net? You and you alone are the best judge of that. Do you know where you'll get your emergency power? How you'll get fuel for generators if the gas station pumps can't operate because power is off? Do you know who you will handle traffic for? Do you know where it will likely be addressed? How do you pick up the traffic you'll originate if the phone isn't working?

Happy thinking.

Florida Traffic Nets
Florida CW Net — (QFN) 3650kc at 2330Z & 0300Z-Daily.
Florida Midday Traffic Net — 7230kc at 1700Z.
Florida Phone Traffic Net — 3945Z at 1200X 13-15 wpm
Florida Slow Speed Net — speed 13-15wpm
Florida SSB Net — 3940 kc at 2400Z.
(QFNS), 3650kc at 0100Z, West Florida Phone Net — (morning) 3830kc at 1200Z (evening) 3836kc at 2300Z Novice Hurricane Net — 3725kc at 1200Z Sundays Gator Net — 3650kc Daily 1330Z.
Florida R T T Y Mon/Fri 0230Z 3637 kc

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THE STORY OF THE TRANSATLANTICS

(We learned in previous chapters of early attemps and failures to put a signal "across the pond" in the first transatlantic tests. How Paul Godley, 2ZE was sent to Scotland, and all the preparations both here and abroad that were made preliminary to this second, greatest of all amateur tests. And now, we find Godley hard at work in Scotland, reporting on the results of the great transatlantic tests, the date is December 9th 1921, as reported in QST in Februray 1922).

PART VI — "1AAW was originally reported as 1AAY, thru a mix-up in the separte code used between Messrs Godley and Coursey, and later corrected by cable to us. When the report of the first night came thru, advising that 1AAY had been heard, excitment reigned supreme at Hartford headquarters. Shown by our call-book to be Bridgeport, Conn., he could not be located by telephone nor could any other Bridgeport amateurs. So we got Mr. Armstrong, from 1BCG, to drive there in an effort to locate him, which Mr. Armstrong did in the wee hours of the morning, only to find that 1AAY had moved to New Jersey. Radio Inspector Kolster was routed out and advised us that the call had been reassigned to Fitchburg, Mass. Later that day the Chief of Police of Fitchburg, whose name incidently also is Godley and whose people are from New Jersey, located the Fitchburg lad and got him on the telephone wire for us, but he had only a quarter-inch coil and no aerial. With what fear and trembling he must have answered the summons to report to the Chief of Police! Then the correction came from Godley and we were off again, this time to Roxbury, Mass., with Mr. Entwisle doing the Sherlock act. Meanwhile former 1AAP from Bridgeport comes in with the dope that he has moved to Belleville, N. J., where, altho it is the second district he operated on that test night, with four amps in the aerial and signed 1AAY. But in view of Mr. Godley's correction he was very QRZ here, and 1AAW in Roxbury had'nt operated a transmitter in six months! We thought we were up a tree at first but 1AAW and numerous Boston amateurs advise that the call has been heard on the air around here and that somebody else has appropriated the call. Who ever the wouldbe 1AAW is, he is sticking tight under cover now, as he knows he is a law-breaker, and to date (as even in 1962) he has not been located. It is a pity, too, for if he were within the law he could claim the honor of being the FIRST AMATEUR STATION HEARD OVERSEAS IN THE TESTS.

1BCG seems an easy winner as the star station. In addition to being heard all over the map they got thru a coherent message on broadcast (amateur) at 3 A. M. GMT on December 12th (1922) which acknowledged by Godley by cable to this office. The first amateur transatlantic message ever sent read as follows:

"Nr 1 NY ck 12 to Paul Godley, Ardrossan, Scotland. Hearty congratulations. Burghard, Inman, Grinan, Armstrong, Amy, Cronkhite."

Speaking of results of the tests, another result was that we won a perfectl ynice spring hat from W. W. Burnham, of London, who took us up on our editorial bet before refered to, that a good U. S. Han could get signals over there. When the tests were over Burnham wired us:

"Congratulations Cable sixe of hat" and we expect to soon publish a picture of our editorial self in the new London lid.

Many prizes were offered by British firms to the successful receiving stations over there, and Messrs Brnham & Co., have offered one of their Ultra III receivers to the most successful American contestant, the award of which has not yet been determined.

(Watch next month for Part VII, the TEST NIGHTS, on the Great Transatlantic Tests as reported in QST in February of 1922).

TIP'S TIPS

Well, the Florida Side-Banders finally got rid of their Rooseveltian leader and elected a new President, Commander Burton B. Witham, Jr of the U.S. Navy. Burt, W4CNZ, is a fine communicator and a competent leader or he would not be wearing eggs on his hat. The slate of Officers he will have working with him are all qualified and devoted members of the Association and its affiliated net which continues under the expert guidance of W4OVE.

In passing it is well to note that no leader is of value without cooperative and loyal followers. An examination of the records of 120 meetings determines that 40 percent of the Charter members have been absent less than five times and there are some who have never missed. Since Jan., 1961, there have been eighty certified. Of this group 60 percent have been absent less than five times and 14 percent have never missed. Also, these hold six of the twelve PEP badges earned to date. Further, during that period the average of voting members present has been better than 70 percent, and in the past six months the number marked present has ranged from 90 to 98.

Who couldn't be successful as the leader of an outfit with that kind of interest? This is the memory we take with us and, as we bow out this exofficer wishes to express heartfelt appreciation to the entire membership for their unwavering support. Thanks to itself, our association is an entity worthy of pride. May it so continue always in all ways!

Being able to view a display of the other guy's signal is a nice frill, if it works properly, but conditions and a pile of other factors make for an improper effect and distortion of the truth at times. One may even declare hat a competent ear can often detect better with regard to gain width etc. In any case, the extra cost of the frill in diddling up a good receiver wasn't worth the candle to us at this station.

If a Side-Bander really wants to know what his signal is in relation to perfection, he needs a top flight indicator right in HIS line. He wants a unit with which he can study his exciter and all components right on through his linear (sometimes pronounced leeniyaeer by gentlemen with two letter calls); one which should be competent to be left right in the antenna ouput line permanently. The best of operation on SSB is subject to component failure and all of us want to know it right now! We need it to adjust for minimum distortion check spurious radiation, for carrier attenuation, for modulation monitoring in all its forms and for the ultimate in maximum efficiency. Just like the AM boys do, you know.

In the past we have tried several analysers and hope that their use has kept the output of the station somewhat beter han passable. However, we always look for improvement and we feel that we have found it in the P & H DI-1 RF Distortion Indicator. This unit is really a jewel. You can see the display in any light. Both the envelope and Trapezoid patterns are clear, sharp and well controlled. The functions are both manifold and first rate and sampling is performed with a minimum of effort and contacts. Priced at $99.95 we feel that this model has got the answer to class performance at a cost within not only reason, but good signal safety.

P & H is really putting out where CE left off. The new UHF line of converters they have is promising. In the next weeks we expect to have a report on the 6-150 and the new 2-150. First we want to try the 6-150 with a KWM2 and the HQ 170 and see what gives. Looks good; somehow.

May your tubes run cool! !

WHICH ARE YOU?

Some members are like a wheelbarrow - No good unless they are pushed.

Some are like canoes - They need to be paddled.

Some are like kites - If you didn't keep a string on them they would blow away.

Some are like footballs - You can't tell which way they will fall next.

Some are like balloons-Full of wind and likely to blow up unless handled carefully.

Some are like trailers - No good unless pulled.

Some ar 100% members in regular attendance and very co-operative.

Which are you?? Support your club.

(WSARC-ZERO BEAT)

SUNCOAST VHF CLUB NEWS

I want to take this one last opportunity to remind you all to BE SURE to attend our second annual Hamfest. It will be held July 15, at Philippe Park, and will start at 1000 EST. The drawing will start at 1400, and the first prize will be a Heathkit "Twoer". There will be a picnic, so be sure to bring along plenty of eats! Registration will be fifty cents per family, which will entitle you to one chance at the drawing. Of course, you may purchase additional tickets if you so wish. An auction table will be featured, so come on, dig down in your junkbox, and bring your "what-have-you", and get rid of it for a price, rather than have your YL give it to the junkman!!!!

Fild Day plans was the order of the day at the past few meetings.

Our FD site was the same as last year, in the lot adjoining the club.

A special C i v i l Defense meeting was held June 8, for all mobile operators. Cappy, K4MFF, gave us an outline of amateur radio's importance in emergency communications, stressing the VHF operator's importance. It was decided to hold Bi-monthly meetings, on the second and fourth Fridays, with K4MFF in charge. During these meetings, we will learn traffic handling, emergency net procedure, and other valuable pointers. These meetings will be followed by actual on-the-air drills, within a few days. Thus, we will be prepared for the coming hurricane season, when communications are vitally needed. Our thanks and gartitude go out to Cappy, K4MFF, for his interest in our group; may we make him proud of us!.

Walt, W4PWB, will be the next hidden transmitter, and he tells us that he is going to hide it on July 1st, starting time to be 1400 EST. The starting place will be announced on the Suncoast Six Meter Net, which meets every Thursday night at 2000, on 50.7 mc. A picnic will be held after the hunt—listen on the net for details.

That's it for t h i s month, hope to see ALL of you at the Hamfest, July 15. Good luck on Field Day.

Ned, K4CNB, and his YL Nancy, WA4EDL just arrived out of the frozen N o r t h (North Georgia, that is) to pay us a much welcomed visit!

Sure do wish they would come home soon — for good!

Our one-and-only honorary life member, none other than Grid Gridley, W4GJO, was really burning the midnight oil during the r e c en t VHF QSO Party — I hear by way of the coax grapevine that he made over 600 contacts! Anyone for throat lozenges? ? ? ?

73—Leslie WA4EEZ

R A F SPLATTER

Yea ZIGGY, your 30 over 9, loudes signal on the band, your even covering up some of the SSB boys. You say I'm 40 over 9? Wow! I bet we are murdering them. Say, maybe finish t h i s rag-chew, You know . . . Clean bands, promote clean friendship. —RAF

SUMMER INVENTORY

GOOD USED EQUIPMENT

RECEIVERS

HAMMARLUND

HQ-129-X	75.
HQ-100-C	100.
HQ-110	165.

HALLICRAFTERS

S-41-G	10.
S-40-B	40.
SX-99	100.

TRANSMITTERS

JOHNSON

Adventurer	40.	Courier	165.
Challenger	90.	Navigator	179.
Viking I	135.	500	600.

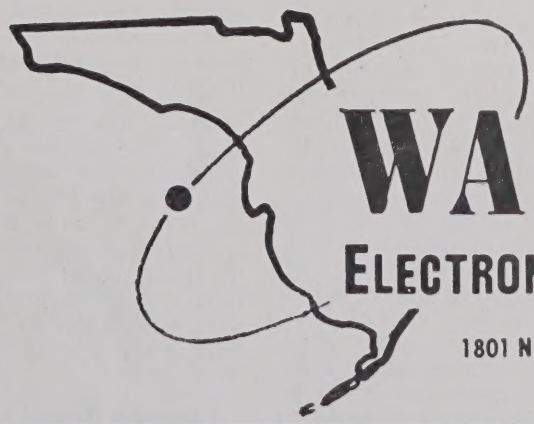
HEATHKITS (Wired and operating)

VF-1 (VFO)	15.	DX-100	75.
DX-40	40.	Apache	175.

GLOBE

Globe Scout DeLuxe	129.	Globe Chief	69.

IF YOU LIKE YOUR EQUIPMENT "New, in the original box" WE HAVE THAT, TOO! JUST ASK ROY to bring out the new gear. You may have the pleasure of breaking the original carton, and being the original owner.



WALDER

ELECTRONIC DISTRIBUTORS

1801 N. E. 2nd AVE. MIAMI 32, FLORIDA

FRanklin 9-4794

WHAT NEXT?

It is hard to believe that semi-conductors were known over 125 years ago! Yes, a gentleman by the n a m e of Munck observed and reported the phenomenon of asymmetric conduction in solids, in 1835. Sixty nine years later Professor Pickard after making hundreds of tests, filed a patent application for a crystal detector, in which a thin wire was in contact with the mineral Silicon.

Edison's invention of the light bulb in 1878, and the subsequent discovery of the Edison Effect in 1883 had startled the scientific world. Fleming, working independently from Pickard, in the same year, 1903, came up with the diode tube rectifier, using the Edison Effect theory.

The race was on now, for there was a real need for a good detector or demodulator of electro magnetic waves. The coherer discovery was dusted off, and a "knocker" added, for you see the coherer was only capable of detecting ONE signal and had to be reset for the next signal. This was a glass tube of nickle and iron fillings, etched to form and act like a semi-conductor.

Marconi soon developed a new detector which was very sensitive but only usefull at the very low frequencies. This was a magnetic detector, simply a steel wire traveling between two pulleys, and passing through two closely coupled pick-up coils. Several lodestone permanent magnets, arranged alternately, north and south, charged the moving wire alternately and it is thought that the incoming signal unbalanced this action and thus was detected in a headphone connected to one of the pick-up coils.

Shoemaker developed an electrolytic detector, which in reality was a primary cell developing approximately .5 of a volt. He used zinc and platinum electrodes in an electrolyte solution containing 20% sulphuric acid. This cell had a very high internal resistance due to almost complete insu-reality was a platinum wire in a glass tube. Only the very tip was exposed, perhaps less than .0001 square inch. Demodulation took place when the signal PARALIZED the D.C. generated by the cell!

Other forms of electrolytic detectors were developed, one used a "Wallaston wire" electrode approximately .000038" in diamter. This was a form of platinum wire used in making electric light bulb seals in the glass base. A 20% solution of nitric acid was used as the electrolyte.

Poulsen would have none of this messy stuff, he rigged up a rotating chopper which he called a ticker. For some unknown reason he spelled it "tikker". It interupted the signal at approximately 1000 cycles per second in the headphone. Two pages of theory on it's operation leaves me cold. Little was known about "non-linear detection" at this time. But it is our humble guess that the "tikker" was a simulated mess of "loose connections" and a lot of "corrosion" which our experts of today recognize as "Non-linear Detection".

Would you believe it? Any two dissimilar metals in our atomic weight series will have non-linear detection action under conditions of loose contact with each other. Likewise a thermo-electrical voltage is generated during a period of temperature change.

Our whole scientific world is bound together by tightly held molecules, each type of mass having it's own parculiar structural pattern. Those held rigid as steel, behave like billiard balls in a tight cluster. Hit an outside ball, and the force travels from ball to ball; whether this p a t h is curved or straight, the last ball absorbes the force and travels outward, on it's way. This is our conductor, this is electricity. Those held together as if secured with rubber bands, do not transmit their energy from one to the other readily, they cushion the blow, or step aside-these are our insulators. This is still electricity, in a reverse sort of way. Those held in a semistressed condition, free to move in one direction might be called a semiconductor. This is electronics, this is our rectifier, a solid-state diode. Let there be impurities in the field of matter, say odd impurities, such as "four sided matter mixed with five sided matter". Now these impurites do not stack very well, bound to be holes between them. Funny thing, when electrons are forced to move-they squeeze into these holes. In one respect, these electrons are able to l e a k through this mess of impurities in one direction, controlled by the polarization of electrons in an adjacent domain. This is our transistor! One hundred twenty-five years in the making!

What's next? Look to the electron in the life of ferromagnetism and antiferromagnetism. A whole new birth of ideas are about to unfold. It is quite possible we are at the threashold of learning mysteries that will revolutionize our whole concept of the "working atom" of the electronic world.

The Old Timer

WHAT IS FERROMAGENETISM?

According to Research Physicists Anthony Arrott and J. E. Goldman, of the Ford Motor Company Scientific Laboratory, ferromagnetism is due to a spontaneous ailgnment of the elementary atomic moments by a very intense local force too large to be only a magnetic dipole-dipole force.

Instead, the force of alignment (of the ferrite molecules) must be electrical rather than magnetic since the elec tron charge distributions interact strongly through their direct contact. It is this writers further belief that since the best ferrites used in magnetics are highly bi-stable in magnetic characteristics, this "spontaneous alignment" approaches an avalanche state greater than can normally be explained.

In the quantum mechanical theory of the binding of the hydrogen molecule so-called "exchange" forces are encountered which, while electrostatic in origin, are responsible for maintaining strict antiparallel alignment of the spins of the electrons on each of two hydrogen atoms. In the oxygen molecule, o n t h e other hand, the same forces cause a parallel alignment o f t h e spins on each atom, giving the molecule a permasent magnetic moment. Ferrites are oxides of the chemical formula XY204 where X and Y are divalent and trivalent metallic ions respectively. Now we know.

GULF COUNTY OPERATION

The Gulf county AREC had another good workout shortly after the Milton operation when the Sheriff's office asked for communications assistanse in the search for victims and survivors of a boating accident in Howard Creek, near the Brothers River in Gulf County Florida.

The Panama City men clung to a limb for several hours. One was eventually rescued. The other slipped off and was drowned. To help with the search for the body, the CD communications van was sent to the river-bank search headquarters, and set up communication on Net (3836kc) using K4RZF/4 and W4CCA at the county seat Wewahitchka. The van began operations Sunday April 8 and remained in operation through Monday, then returned to Port St. Joe.

However, conditions continued difficult with the search and on Wednesday, the van went back to search scene and remained there through Saturday. Communications with Port St. J o e, Wewahitchka, and Panama City related to requests for additional search boats, supplies, food and personnel. Mobiles on the coast highway kept a convoy of 15 or 20 boats in sight and reported by radio on their progress toward the search site. Handy-talkies were used between search parties and the van at various times.

The search terminated Saturday 14th when the victim's body floated to the surface of the water.

Amateurs participating included K4LIX, W4CCA, W4-MXN, W4WEB, K4RZF and K4LQQ. (From W. Fla. SEC Bulletin - W4MLE).

ATTENTION TO ALL INTERESTED AMATEURS

Meeting of a net primarily for Teenagers is held on 3875 KC at 1600 5ST. Monday through Friday. Temporary Net Control - K4NXW - Joe, Orlando. Net Manager will be WA4FRM - Harry, 5au Gaullie, Fla. This net meets for the purpose of Training Teenagers in Traffic Handling and Operating Procedures During Emergencies. After all net business is accomplished the net will be turned i n t o a roundtable. All interested parties please contact K4OZS, WA4CJC, or K4NXW on the air.

SKYWIRES THEN AND NOW

In the early days of amateur Radio, the unmistakable sign of an amateur station was an enormous antenna — and we really means enormous. A flat top antenna consisting of four or more wires, separated from two to four feet and hundreds of feet long, was not at all uncommon. Some of them even ran a full block. With the coming of the radio law of 1912, the biggest ones were cut down to size but a 200 meter spark transmitter still needed plenty of skywire to get anywhere. And so did the early receiver with it's woefully insensitive crystal detector.

Today, many well located amateurs still have room to put up any kind of antenna they prefer. Many of the rotary beams and rhombics now in use are just as impressive appearing as the old Marconi flat tops. Most of us, however, get along with more modest installations, but there is an unfortunately l a r g e group who must do the best it can with antennas bearing little or no resemblance to the correct designs shown in the handbook.

If you are unable, because of lack of space or an uncooperative landlord, to put the type of antenna you should have, don't be too discouraged. There are many ways to get around such handicaps. Skywires of less than the correct length can still be made to radiate reasonably well with a simple "PI" or "L" section tuner.

Mobile operation is successful using a short whip and loading coil, a combination which could be installed almost anywhere. Also you may have heard of the amateur who made a full size 80 meter half wave of No. 32 black enameled wire and put it up on a dark night. It was practically invisible, and no one was ever the wiser.

Understand — we do not recommend these makeshifts. A properly designed antenna is a tremendous advantage. Even without it you will find that amateur radio can still be a richly rewarding hobby. If you still doubt that a less than ideal antenna can give worthwhile performance, ask someone who had wartime experience with the SCR-229. This completely mobile station used a 30 foot whip with a base loading coupler. With this set up, the SCR-229 operated on any frequency between 1.5 to 30 mcs, and gave real long distance communications on every battle front.

Regardless of your particular type of skywire, now is the time of year to give it a thorough once-over to make sure it will stay up during the winter months. The combination of a wrecked antenna and a howling blizzard right in the middle of amateur radio's most active season shouldn't happen to anyone . . . Please see that it doesn't happen to you.

(K9GSV - CARC - CARRIER)

After the main banquet at the Orlando Hamfest on Sunday afternoon Mr. Robert P. Fisher of General Electric Company presented a Special Edison Award Citation to George Thurston W4MLE (with glasses), SEC of Western Florida for his outstanding work with the Amateur Radio Emergency Corps, RACES, and the AREC Manual. Congratulations again to GLT. Others in the photo: W4BKC, K4UIZ, W1QON YL Editor, QST; W4HYW QSL Mgr W4-K4; W4HFD M.C.; Mr. Dunn Miami Weather Bureau; W4DVR; W4YTB and others. (Photo by K4EHY)

LETTER TO SEC'S

E & W SEC FOR FLORIDA:

Our congratulations on the publication of the Florida A-R-E-C Manual of Operation. I hope your distribution will be extensive and that your specific net assignments, key-city and tested net procedures may turn up usefully in the preparation of other's plans throughout the nation.

Sincerely yours

F. E. Handy, W1BDI
Communications Manager
ARRL

NOVICE N)T

A Novice Net HNN (Homestead Novice Net) was established on February 4, 1962. A paper 0utlining a sample of the procedure to be used was forwarded to each member along with a common frequency xtal, 7166 KC, which each member purchased from the club.

Procedure used is a combination deal merely to acquaint the member with forms, such as common "Q" signals and the regular ARRL "Net" "Q" signals, as well as message framing.

The Net is operative at 2130 hrs on Tues. and Thurs. and at 0800 hrs Sunday.

HIT AND RUN

At deadline time we received word that Herb Ziegler K4LCF Net mgr of the Florida Phone Traffic Net was struck down in New Smyrna Beach by a hit and run driver. Both legs were broken and pretty well cut up. He is reported a strong come back but could use a few cheery words. Drop your cards and letters to Box 12, New Smyrna Beach. Chin up Herb. Hope to have more on this next month.

LETTER TO ARRL

(Editor's note: The following is a letter sent to ARRL June 2, 1962 along with a "Petition" which appeared in last months SKIP.)

Dear Mr. Huntoon:

The Miami Springs Radio Club, at its regular meeting on June 1, 1962, unanimously adopted a resolution to petition The American Radio Relay League for a change in its rules governing the conduct of the annual ARRL Field Day Trials The resolution is transmitted enclosed.

The club members recognized that it will not be possible to effect any change in time for the 1962 activities, however, they do wish to have the suggested action taken in time for the 1963 and subsequent trials.

The committee which drafted the resolution also prepared a fairly comprehensive yet incomplete, list of commercially constructed amateur radio equipment showing the manufacturers' advertised power ratings. A copy of this list is attached for whatever aid it may be to those who will consider this petition. (Too long to print here Ed.)

The committee also felt that the separation point between the multipliers should be adjusted to 50 or 60 watts in the case of multiplier 2 and 3; and to 200 watts in the case of multipliers 1 and 2. This suggestion was not incorporated in the petition because it was felt that the cognizant League employees, by virtue of their broader knowledge and more extensive experience, were better qualified to resolve this question.

A copy of this communication is being transmitted to Mr. James P. Born, Jr., W4ZD, Southeastern Division Director with a request for his support. In addition, it is also being transmitted to the Editor, Florida SKIP; we also request that you regard it as both a letter to you as Secretary of the League and a "Letter to the Editor, QST."

Your cooperation in attending to this matter will be greatly appreciated.

Fraternally yours

R. A McAvoy
Sec'y-Treasurer, W4GOG
Miami Springs Radio Club

GAINESVILLE AMATEUR SOCIETY NEWS

The ARRL Annual Field Day was the main topic of this months meeting and the membership present elected to have a special meeting later this month (for membership only) to plan our FD operations here in the Gainesville area. We are planning for a large turnout especially during the setup and breakdown procedures. We always have plenty of operators, i f y o u know what I mean. We plan on having operator schedules posted at each rig so we won't have two fellows trying to decide whose going to operate the rig and whose going to work on the 807's.

AREC—The Manual of Operations was brought before the membership and I am happy to report that it won full support of the Gainesville Amateur Society by a unanimous vote. I sincerely hope that the rest of the clubs throughout the State will support this publication.

T h e hidden transmitter hunts seem to b e g o i n g smooth. The Police have cooperated v e r y nicely. W e found that personal contact with them, before and after each hunt, makes the difference. Landline is OK, but with the number of prank calls they receive it is best to see them personally. Hidding places vary from on top of a saw-dust pile (car and all) to an industrial center. The record time, so far, is held by K4LUT with 15 minutes.

One case of TVI was reported and blamed on a"HAM' The case was turned over to our TVI committee and they found a CBer. He knew he was causing TVI.

Six meters is getting a work over in thisa rea. Six meter rigs are poppen up all over the place. You should be able to hear them anytime six is open. W4ZJZ, W4UUW, K4LUT, and K4DTM are a few of the six meter ops to listen for. W4ZJZ may have something big on the air in a little while, with a special filter so that when the TV Bands are open to Gainesville, and they do sometimes, he can operate full power and not bother the TV in his living room.

The Ten meter net is still very active. I don't believe a day goes by without at least three good QSO's. The primary purpose of the net is for emergency work in AREC.

That's about it from the Gainesville area. What happens FD of course will be published next month. Field Day being over by the time you read this, we hope you have recovered from the twisted tongue and that glass arm.

73 — Paul, K4OVD

NAVAL RESERVE NET

Have you heard about the new national Naval Reserve network? It is designed for radio operators who by reason of past experience, present affiliation of family influence would appreciate an opportunity to participate in a Navy-sponsored radio circuit on an individual basis.

The net meets each Wednesday, commencing at-0100Z and continuing until secured by the NCS. "NCR" is net control. Intial contact will be by c.w. on 4015kc, 7380, and 1438kc. During check-in stations can indicate CW, AM or SSB preference for reminder of drill.

For further info write; Officer-in-Charge, National Naval Reserve Master Control Radio Station, Building 17, Eighth and S. Court House Road, Arlington, Virginia.

DO YOU HAVE TVI?

Well, if you do, or not, read this item from the CONSUMER BULLETIN for June, 1962 on page 3. (Mailing address: Consumers Research Inc., Washington, New Jersey.)

"If you are having trouble with your TV set because of the operations of a short-wave "ham" in your neighborhood, here are two suggestions from ELECTRICAL MERCHANDISING WEEK. You may be able to eliminate the problem of interference by putting a "high-pass filter" at your antenna input. The second approach is to obtain the name of the short-wave operator and report the difficulty to the Federal Communications Commission which will request him to quit causing such interference so as to avoid loss of his license." End Quote!

(Editor's note: Please don't forget your nice Christmas gift to CONSUMERS and ELECTRICAL MERCHANDISING for the two nice TVI suggestions.)

HOW OFTEN DO YOU HAVE TO PROVE YOURSELF?

It's funny, isn't it, how you have to keep proving everyday that you can earn a living? It would be nice if you could sit back and say, "Now look here, World, I proved yesterday that I could back up my right to exist and from here on I don't have to do anything but sit back and relax." It would be nice. Unfortunately, things don't operate that way.

Ham radio is a little like earning a living. We have to keep right on proving that we deserve to exist. Yesterd a y bouquets a r e today's withered memories and memories have a notoriously low market value.

Yet, at times, we act as though our existance was guaranteed. We spend a lot of time arguing the merits of various modes of operation. We tend to look with faintly concealed disdain upon certain classes of licenses. We pass up opportunities for good publicity and by these very acts sow the seeds of our own possible downfall.

We all know that the ham bands are crowded, but take a few minutes some evening and run through the rest of the spectrum. You will hear the sounds of commerce piled layer upon layer. You will hear the voices of newly emerging nations clamoring for attention. T h e s e are the sounds of competition, and in some cases, of opposition.

As the rest of the world begins to pull abreast of the electronic age the demand for more spectrum space will be pressed more zealously. The question is, how long can a group of amateurs hope to successfully resist such demands. Not long if we insist on burying our heads in the sand. Not long, if we expend our energies arguring among ourselves.

This does not mean that all of us must seize the nearest cudgel and go forth to do battle with the competition. It does mean that the time has come for all amateurs to close ranks. The CW man, the AM man, the SSB operator and all the rest of us had better learn to start getting along with each other. We'd better realize that we are all hams and that we face a common problem regardless of mode of operation or class of license. It's a big cake, fellows. There is plenty for everyone, but if we insist on fighting over our own particular small piece of it the whole thing could disappear from under our noses.

OSCILLATOR - W. V. Mull-W3MFA)

Letter to Editor:

The undersigned and other members of the Biscayne Amateur Radio Club are conducting some 50 Mc wave propagation studies with the activity being co-ordinated at ARS W4CII, and I would like to ask other 6M operators to lend us a hand by helping to collect information tabulated as follows:

SIX METER DX, DATE, TIME HEARD OR WORKED, STARTED STOPPED SIGN A L QUALITY, (CHECK ONE) SOLID, QSB.

It would be a great help if many many 6M operators sent us a r e p o r t about once a month.

We plan to conduct these studies for some time to come, but if the reports can be sent in throughout the remainder of this skip season and on through the winter through the next season, it would supplement our data a great deal.

The area worked is not considered important in this undertaking, since this information concerns possibilities in the Van Allen radiation belt about which I shall no go into detail.

If anything significant appears during our studies, we'll holler (loud), and, if you can help us get the word out through the facilities of Florida Skip, we'll be most appreciative of it.

All reports should be mailed to:

Biscayne Amateur Radio Club
P. O. Box 517 Miami 61, Fla.

Thank you,

Don Copeland, W4CII
VP - BARC

NEW SEMICONDUCTORS

OWENSBORO, Ky. — Thirteen new types of semiconductors have been announced by General Electric as the basis of a complete line of "universal" entertainment replacement parts.

In making the product announcement, Thomas S. Knight, Jr., distributor sales manager for dealer products, said the complete line of entertainment semiconductors will replace several thousand types now in use.

In thus extending its "universal replacement" lines, General Electric offers to distributors and service dealers means of increasing stock turnover, improving availability, and reducing capital in stock.

Heading the new product group are eight universal replacement transistors which can be used in lieu of at least 700 known domestic and foreign types originally installed in radios and other entertainment equipment.

Numbered GE-1 throughGE-8, these universal transistors include four PNP and four NPN types. Theya re designed for service as mixer-oscillator converters, and as AF, high-power AN, and IF amplifiers.

Also available is a new power rectifier, type GE-504, with a 45-ampere surge rating which needs no surge limiting resister. It is designed as a replacement for all existing types of germanium, silicon and selenium rectifiers used in television receivers.

Four new crystal diode types also are in the line: 1N34AS, general purpose. IN-60, video detector; 1N82A, silicon UHF mixer; and 1N295, 50 mc. detector. These types will serve as replacements for 98 per cent of the wide variety of crystal diode types now used in entertainment equipment.

Rounding out the General Electric replacement semiconductor line are 39 JEDEC types of entertainment transistors, 12 standard silicon and germanium power rectifiers, and 3 dual-diodes for discriminator or phase detector service in television sets.

ORLANDO RAMBLINGS

HAL, W4BKC

At a meeting of the Field Day Committee, Wes, K4KRG the Chairman announced the following as Captains of their respective teams; 75 Meters, Ernie, K4HXP; 40 Meters, dual captains, Mac, K4TMN, Ernie, K4GHL, 20 Meters, Bill K4FXF; 15 Meters, George W4MNT. He wouldn't tell who is in charge of the Secret Weapons Detail, seems that's classified, he did drop a hint about a 35 KW generator, must be planning on lighting up a couple of city blocks Hi. Some of the gang are of the opinion that a contract with OSCAR 2 ought to count for points too, but unless OSCAR bones up on his CW so he can send CQ FIELD DAY instead of just HI we can't count on him for a contract.

Speaking of two meters the net are Ken, K4NTB and Georlatest additions to the RACES gia, K4ZXS, They cover a strategic spot to the west of town. Welcome aboard, (Ken is a retired Navy man).

Hal W4BKC and Evalyn, K4UIZ had their annual barbeque, and junior size Hamfest, during their vacation, at Shea's "Antenna Farm". Made it easy to find. Wes, K4KRG will be leaving the area, orders from the U. S. Dep't of Agriculture, right soon after the Field Day Exercise, but he will be back in the Fall again, after doing a little checking on things north of Jacksonville.

Dick, K4RYR was the latest victim of the automotive age, had the rear end of his gas eater basred in. Dick came thru O.K. but the car was a mess. Had a chat with Dick's Dad Fritz, K4RUW who said he was planning on getting on Two Meters. It's a real easy hop from the Cape to Orlando on Two Fritz, lets Go.

ONE FOR THE BIRDS—A report from Switzerland tells of a small military plane that was attacked by two golden giant eagles and damaged so badly it had to make an emergency landing in the mountains. How about that?

Editor: FLORIDA SKIP

It was with great interest that I read of Harold Danforth's activities early in the starting days of radio in and around Orlando and Winter Park. As was explained, this took place on the campus of Rollins College at Winter Park and the outgrowth of that beginning was the WDBO that today still operates in Orlando.

Upon my arrival at Rollins as a student in 1948 I heard the History of WDBO from Prof. Edwin Jones who had something to do with the construction of a 160 meter rig that was still there from pre-WW II days. I re-activated W4GMN in January of 1959 and operated it until May of 1950.

I still have the log left behind by the operators of the Pre-war days at W4GMN. These are interesting to read as you can well imagine. Fellows still in Florida had their operating time at the Rollins station as witnessed by the signatures of Glen Cole, W4-CLW, Orlando; W4GJO, Ansel Gridley, now in Sarasota. Entries in the log include much AARS net activity just prior to WW-II and one of the stations serving as code trainer back in those days is listed as W4BPD, Gus Browning of DX fame. This station was active until just a few days prior to Pearl Harbor and at the bottom of the Last log page is the cryptic large printing, "OFF THE AIR - DURATION OF WAR". This is unsigned.

Today I understand there is a station at Rollins again with a WA4 call. The last time I went by the campus I noticed a beam so I imagine activity once again is taking place there.

The old call of W4GMN has since been re-assigned I believe. Possibly there are others in the area who have had operating time at this station and remember the Push-pull HK254's in the big rack mounted rig . . . would make interesting history to hear from them.

73 Ed Cushing, W4QVJ

EDITOR: FLORIDA SKIP

The surprise appreciation banquet that the Tampa Amateur Radio Club held for John J. Fogarty, W4C1, on Monday, May 21, 1962, was very successful. There were fifty-five in attendance, several of whom were members of the club when it first incorporated in 1932 and who had not attended a club meeting for many years.

John was so completely surprised that he was almost unable to speak for the first fifteen minutes. A certificate of appreciation from the club was awarded to him along with a five pound ham from an anonymous member with the inscription "To a Real Ham." Everyone present autographed a menu from the restaurant and this was given to John.

The enthusiasm with which the committee members worked andw hich was shown by the membership for the cause was evidence of the high regard held for W4C1 in the Tampa Bay area.

73,

Earl Miller, K4HFF

WILL YOU PLEASE HELP US — ABOUT YOUR CHANGE OF ADDRESS?

On January 10 the postal charge for the return of undelivered **Second Class** mail (your SKIP) was raised from five to ten cents. If you will send us a notice of your change of address beforehand, you will help us to cut costs considerably. So then, to help us save (and also to insure the prompt delivery of your SKIP), won't you please send in your next change of address?

MY NAME .....

OLD ADDRESS .....

NEW ADDRESS .....

CAT N' FIDDLE RAMBLINGS

LES COX K4RNG

Now that the VHF Contest of June 9-10 is over the gang is lookin' forward to Field Day. It is beleived that the opening on 6 mtrs. during two days of the contest far surpassed those of previous years. We are betting our money on "Gringo Grif" W4GJO to take the EFla Section VHF Certificate this year. Seems like "Grif" GJO "Allen" RMU and Victor LIP are gonna have a feast with the lowest number of points in the contest shelling out the dough. Our local HIGH POWER contestant had two beautiful harmonics 50 kcs each side of his carrier during the contest and maybe by next year he can tune his 6'er up and get a better score.

It was noticed during the contest that very few TUNED THE RIG UP ON THE AIR. However the next day some of the boys were back to their old habit. Ie it really necessary? ? ? ?

PJ3AL from Aruba has not been heard on 6 as yet in the Miami area.

K4RJT and K4RJS Al and Beverly from Alanta paid a visit to Miami recently and manyo f the boys renewed acquaintence vio Mobile.

K4BUW and K4RNG worked K6UBT mobile during the contest. Abt 2,390 air miles which was a gud haul. And Harold was putting in a 20 over 9 signal into Miami.

W4 "Johnie Kracked Korn" "Stan" and XYL Pat are active agoin on 6.

Archie and Fran again had wind trouble. A recent heavy wind left two elements on their beam. Time to change QTH, get away from that area.

Paul W4EYJ has a new rig on air and we miss him Mobubble on 6 to work. However the Slave Driver Herb W4LSR has his 6'r going every morning to Eastern.

Harry K4ZNB forgot that he was on leave for three weeks and sure enough went to work for a full week and lost out one week. Just like the Stump Jumper.

Bro Frank WA8 "Broken Angel Wings" can be heard every time the band is opened way up on 50.550. K4HSI and Bro. Frank got together and sent ye scribe a Certificate — bu they forgot to drop it in the mail. K4HSI was "Up-that-a-way" for about a w e e k visitin' friends and Hams

Dick W4BXL is glad that Marie is back from Europe what with his daughter moving to south Miami and no one to cook him 3 s q u a r e meals a day. Dick you gotta put on your coat and go places.

Charlie K4ODJ in Clewiston is not on 6 lately. Seems like he works the village police and they don't like it — when it gets on with his Seneca.

Tommy W 4 P N S after a short sojourn in VA Hosp. Coral Gables is back in Clewiston again and can be heard on 2 mtrs nightly.

"Bandy" has a new AF 68 on the air. Wondered if Ann his XYL is g o n n a join us again on 6.

Havent heard K4 Gold Zero Weather and W4FEU for a long long time.

K4YSN is sick in South Miami Hospital — Room 304. Drop him a card.

Kay K4TGB says her phonetics is Tall Beautiful Girl. We goota a better one "Tall Bloomer Girl" of the 20's. Hi Hi.

SHOM is "Seldom Heard Old Man" but no you know we have two "Selnom Hearn Old Maids" up the coast line near Lake Worth?

W4WXE Ken is back on air again after a long lay off. W4HUX Bob in Hollywood can be heard around .630 to 0730.

"Nasty" W4WYD is a gentleman and scholar believe it or not. He has only k i n d words for his boss since he let "Nasty" off for a full years vacation.

Haven't heard the old "COOT" from Pom-pin-o Beach reiently. Al was heard quite regular for awhile. 73 — Les K4RNG

ANNOUNCEMENT

The Broward Amateur Radio Club is holding a check for $2.70, made out to R Lipinski, address and call letters unknown, for equipment sold for him at our recent auction.

If Mr Lipinski will contact Howard Hicks, Treas. BARC, 713 NW 7 St., Dania, Fla., the check will be sent to him immediately.

B.A.R.C.

LES - K4RNG

The Bisrayne A.R.C. certificate should be in circulation by the time this appears in press. To qualify for the certificate it is only necessary to contact six (6) BARC members, no matter the location of your QTH.

Membership in the BARC is growing each month. Oyer 49 members are on the rolls. We think some of the boys are afraid of the "initiation" ceremony but really and troly no more than 22 of the members had to be taken to the Hospital.

The First BARC "Armchair" Mobile Hunt was won by K4-HSW with help from his son WA4BPW who we hnderstand actually picked the right spot. K4BUW sneaked up on the NS Expressway behind a barrier and put out such a strong signal that it confused many of the contestants for the "Trophy". All are welcome to join the "Armchair" hidden mobile Xmtr hunt the 2nd Wed. of each month.

The Code and Theory Classes conducted by the Club is held each Monday night at 2000 - club rooms 15000 No. Miami Ave., "Biscayne Gardens Civ Ass'n Bldg". Some 23 entrants todate for the classes.

BARC EVENTS:

1st & 3rd Wednesdays -Club meeting nights. 2000. Doors open 1930 2nd & 4th Wednesdays - (2nd) Armchair Mobile Hunt and Rag Chew. (1930-51.000) (4th) AREC and Rag Chew. (5th) RAG Chew. 2nd & 4th Tuesdays: Visits to members h o m e for coffee and? ? ? ?

The members visited WA4-ACG and WA4BAO in May and June. At both GTH'S the members had a ball and got on the air and talked to our members and non-members at home "baby-sittin". So far a grand glorious time was had at both QTH's. W 4 W N S (Weak (k) need Sister) is next on the list for the visit on June 26th. Hope he serves TEA.

K4LVZ Jerry and Shirley W4TQE are in JAX for the summer with new car and mobile rig. Shirley missed out on KL7DOM the 13th.
TQE are in

K4DI Jerry and Molly his XYL are off for New York and places.

W4CII is very much interested in propagation, particularly the Van Allen Belt and other data. Give him a call on your theory and discuss it. K4CMU Big B E N N when working WA5 Ding Dong Mary in Texas is sure at the heighth of his glory. Seems like Ding Dong Mary just had a Sir Randolph added to the household and Benn wants to be sure and keep track of his weight. Last account 10½ lbs - 8 weeks old. Whatya feedin him Ding Dong Mary ? ? ? ?

W4LSR can be heard Monday - F r i d a y Mobubblin' to work with his mighty 6'er. Don't believe he has a sixer in his car but an AF-68.

K4QXB and Johnnie K4CXD have a new arrival at their home - a large French Poodle. Sorry Dave you can't get on air due to baby-sittin'.

K4RDF "Vapor Lock" Barney has been out of town more than he has been at work in Eastern - now that his daughter is visiting him we don't hear him on the air much.

K4UGC "Dick" just recently passed his General Exam and will soon be on the low bands. Congrats Dick.

W4WXE our BARC coffee maker and DELUXE DOUGHNUT man goes to school every Tuesday nite and misses out on some good H O M E BREW coffee. We'll be glad when he can join us and stop puttin' the pencil shavings in his coffee he dishes out to us.

K4WXE "Bob" the chairman of the Certificate Committee has had many "posers" about the certificate thrown at him. Bob, no use trying "protocol" to Sam K4BOOB because he only guesses now-a-days.

K4ZDS has his two weeks vacation and all is quiet on 6 mtrs these days. Betcha he'll have "whopper" stories about the 2" fish he caught.

K4ZNB "Harry" is on vacation at this writing. Understand that his XYL is after him to get some work done around the house and all the " Stump-Jumper" wants to do is HAM. Wanna bet you is gonna win out. O.K. "Nosey Rosey". QRU 73 LES

ST. PETERSBURG AMATEUR RADIO CLUB

This is the time of the year when the often asked question is: "When and where is the next Hamfest?" SPARC, Pinellas and Hillsboro Counties was well represented at the Orlando Hamfest May 5th & 6th. It was nice seeing W1-QON-Eleanor Wilson, from Walpole, Mass., who spoke to the Floridoras at their annual meeting. The Floridoras also had their annual birthday party at the Orlando Hamfest, with the usual birthday cake and coffee. Good time was had by all.

SPARC had their annual Hamfest, at Phillippi Park, May 20th, where a good crowd enjoyed the old time hamfest, with picnic lunches, prizes, a swap table and opportunity for good old "eye-ball" ragchews. The Hamfest Committee is to be congratulated on a job WELL done. We were honored with the presents of W4HYW-Tom Moss, our QSL Manager from Atlanta. Needless to say, W4HRC-Little Bo, from Jacksonville, was present. She, by the way, was re-elected President of the Floridoras.

W4BIL - Fran & W4WME - Bill had open house for the hams Saturday night, May 19th, which has gotten to be an annual event with them, the night before a SPARC Hamfeast. Around 25 enjoyed a pleasant evening with them.

Madlyn Hutchins, K4NSY, is off for Carolina for the Summer and she hopes to put aside her activities in bridge and get in more hamming. Madlyn teaches bridge and participates in many of the bridge tournaments around the country. Have a pleasant Summer, Madlyn, and we will be looking forward to your return in September or October. How about giving us a shout on the air?

W4BIL - Fran has been in the Mease Hospital, in Dunedin, for a operation. We are glad to hear she is doing fine and hope by the time you read this she will be fully recuperated.

W4WPF - Marvin is having "a ball" with his new equipment, namely, Hammarlund HQ-180 receiver and a Johnson Invader transmitter. You can hear Marv "Donald Ducking" (SSB, that is) now.

Congratulations to Lee Kararian-K4NXS, for passing the Tecnicians examination and consequently dropping the N from her call. Be looking for you on 6 and 2 meters, Lee.

A number of new Novices will be appearing on the band, as a result of the SPARC Code Class recently completed. K4-USK - Jim is very proud of his pupils.

Our sympathy to K1IST (ex-W4GXZ) Blanche and family in the loss of her Father-Arlo Bean, of Tampa. Blanche and Wes-W4COW were in Tampa, but were unable to see all their friends, due to pressure of time. Wished to be remembered to all and hope to make a return trip sometime under more pleasant circumstances.

Those on 2-meters should keep their ears strained for Oscar II, that is circling the earth every 92 minutes, chirping "hi" to the amateur radio operators. Oscar II was launched by the U.S. Air Force, from Sunnyvale, Cal., Friday, June 1st on behalf of the American Radio Relay League.

To all those going on vacation, we wish you a wonderful time and be hearing you all on Field Day, we HOPE!

73 — W4BAV

This foursome were relaxing at the Orlando Hamfest when K4EHY snapped his polaroid. Left to right: Mr. and Mrs. Art Benzee, W4FE and K4ANR with Mrs. and Mr. Jim Campbell K4RNS and K4RNR. Hope to see you all at the Southeastern Division Convention — January 1963, in Miami.

CQ SEVEN-ELEVEN TRAFFIC NET

Slim - WA4AZZ
Big Mike - WA4BMC

The SETN during May handled 500 formal pieces of traffic during 30 sessions with an average of 16.66. On May 30 there were 15-check-ins from Melbourne to Lake Worth and over to Clewiston. May 31, 22 formal pieces of traffic were handled.

Regular check-ins are: K4-SJH, Ham, Pompano Beach; WA4COR, Win, West Palm Beach; K4KGB, George, Stuart; W8RQN/4, Ed, Ft. Pierce; WA4AME, Wes, and W4VWL, Ray, Jensen Beach; W4CWD, Duaine, Melbourne; WN4FNF, John, Indiantown; WA4HCJ, Dean, and WA4HCK, Joan, North Palm Beach; K4TBG, Kay, Lake Worth; K4ZDV/4, Harley, Belle Glade; W4PNS, Tommy, and K4ODJ, Charlie, Clewiston; WA4BYX, Dock, Stuart, WA4BYP, John, Ft. Lauderdale.

New net members are WA4-BYX, Dock, Stuart; K4ZWG, Bob, Vero Beach; K4DU, Dick, South Venice; K4CYC, Merle, Valrico; WA4FWN, Ed, Boca Raton. Welcome to the SETN.

Schedules continue with W4-SVL in Homestead each Tuesday and thursday night.

K4ZAW, Joe, Charleston, South Carolina checked into net on May 25, at 1900. We were impressed to put it mildly.

Congratulations to W4MLE and W4IYT for Florida AREC manual. Fine idea. Fine booklet. SETN supports this fully.

NCS copies the Oscar bulletins each night at 2300. At 2340 NCS comes on 2 meters on net frequency and gives the next days passes of Sscar to any interested station.

WA4AZZ has been appointel Assistant EC for 2 meters for Palm Beach County.

Hurricane season is upon us. What a great accomplishment it would be to have the state of Florida covered on two meters for any emergency. NCS is constantly tuning and listening for check-ins from new Florida locations. Ocala, Gainesville, Tampa, Ft. Myers and the Panhandle are all missing. How about it, stations in this area!

MIAMI SPRINGS RADIO CLUB

M. S. R. C. had another real good Field Day. At the Orlando Hamfest several Clubs made wild claims to the SKIP FD Trophy. The final scores wlil tell the story.

New Club officers are: W4-YHW, Pres., W4IYT Vice Pres., and W4GOG Secy/Tres. K4YSR is handling the paper work on the WAMS (Worked All Miami Springs) award. This year everyone seems to have a job.

Thanks to K4KRB and W4-MZL we have been enjoying some real nice movies on fundamental principals of wave transmission and reflection on a transmission line from the Bell Telephone Labs. Future plans are for KBR to bring more films and MZL to keep the projector humming. Boots, informs us he can obtain a series of five films covering the fundamentals of Transistors. If he can get them, the club will run them as a series on five consecutive meetings after Field Day.

Anyone in the Miami Area wishing to view this series of transistor films are welcome to attend our meetings at the Field House, 385 Payne Drive on the 1st and 3rd Friday at 2000 EST. To get to the Field House, go 13 blocks West on Westward Drive of the "Circle" and then one block South. —7' W4GOG Phone TU 7-2998

A PETITION

WHEREAS, the members of the Miami Springs Radio Club have adopted as their major project participation in the annual ARRL Field Day Trials, and

WHEREAS, the Miami Springs Radio Club has been continuously represented in ARRL Field Day Trials for the past seven years, and

WHEAREAS, each year the members of the Miami Springs Radio Club have voted to maintain accurate and truthful reporting of power input to the final stage of all transmitters, and

WHEREAS, correlation of Field Day photographs, Field Day scores, and observer reports give rise to serious doubts regarding the veracity of some high-placed scorers in respect of power multipliers, and

WHEREAS, the present power multipliers appear to be suited to obsolete transmitter lineups rather than those currently encountered, and

WHEREAS, the aforementioned doubts would be eliminated by the adoption of more stringent power multiplier rules; NOW THEREFORE, the Miami Springs Radio Club, a club affiliated with the ARRL, has be unanimous vote adobted the following resolution, to wit:

BE IT RESOLVED, that The American Raido Relay League should, and is hereby pertitioned to, adobt the following additional rule for the conduct of the ARRL Field Day Trials: IN DETERMINING POWER MULTIPLIER. CONTESTANTS USING COMMERCIALLc CONSTRUCTED EQUIPMENT SHALL USE THE MAXIMUM POWER INPUT SPECIFICATION ESTABLISHED BY THE MANUFACTURER; CONTESTANTSUSING PRIVATELY CONSTRUCTED EQUIPMENT SHALL USE THE MAXIMUM POWER INPUT SPECIFIED BY THE MANUFACTURER OF THE FINAL AMPLIFIER TUBES.

For the Miami Springs Radio Club ,

Earl Carter, President W4-YHW — June 1, 1962.

JULY JEWELS

July 1st — TIME to RENEW FS subscript 1962
July 2nd — First Voltage Doubler, 3IL, 1921
July 3rd — Washington in command, 1775
July 4th— INDEPENDENCE DAY since 1776
5th — Salvation Army founded 1865
6th — John Paul Jones born 1747
7th — First Loomis WIRELESS, 1867
8th — Liberty Bell cracked, 1835
9th — Weather Bureau born 1870
10th — Wyoming statehood 1890
11th — John Quincy Adams born 1767
12th — Birlin zoned in 1945
13th — Marconi Patent in 1897
14th — N.Y. Worlds Fair 1835
15th — Stony Point victory 1799
16th — D. C. established 1790
17th — W1AW Code Practice 1962
18th — N.J. independence 1776
19th — Big Inch pipe line 1943
20th — Sitting Bull taken 1881
21st — Battle Bull run 1861
22nd — Puritans Stiled in 1620
23rd — Gen. Grant died 1885
24th — Salt Lake City founded 1847
25th — Jenkins Wireless TV 1894
26th — Franklin founded P.O. 1775
27th — Lafayette arriped 1777
28th — Fourteenth ammendment 1868
29th — Famous DeForest pat 1919
30th — First Wirless pat 1872
31st — First U.S. patent 1790

For authentic proof of the validity of these dates Florida Skip will be glad to supply each of the many sources of this information. Watch for "August Famous Dates" and send us your comments.

MORE FLOWERS

Recently Red Clofelter K4-GPJ and John Kruick K4ZSY both of the Hialeah Radio Club had a nice write up in the Miami News about the fine work they, and others, did out at the Variety Children's Hospital. It seems these fellows installed air-conditioners, conduit, switches and other items on their days off, all for free.

Needless to say the kids enjoyed it all too. The contribution came close to $14,000. Flowers to you gents

FLORIDA STATE MAPS

The new Official State of Florida Road Department maps are out. This is probably Florida "first". Notice the white box at the bottom of the map face, in the center, which says "Official Mobile Emergency and calling frequency 29560kc. "Other Florida "firsts" were first in the nation to issue amateur call letter license tags, and first to publish a statewide AREC Manual of Operation, and given to all AREC members, and others.

The maps are free from: State Road Dept., Holland Bldg, Tallahassee, Fla. They come in bundles of 25 maps. Each EC should get one for each of his AREC members.

W4MLE

PHONE DIRECTORY NEWS

The next edition of the Ham Phone Directory, which will be available in December of 1962, is taking a giant step forward by inviting any active radio amateur in Dade, Broward and Monroe Counties to send their Call, Name, Address and Phone Number in to be listed. As this is primarily a Phone Directory, only those sending in their phone numbers will be listed. There is no charge involved. However, if you desire a postpaid copy, you can place your order at the same time you send in your listing. The price has been reduced to One Dollar.

By employing the above method of obtaining listings, we hope to eliminate errors, inactive amateurs, and also those that for reasons of their own do not want to be listed.

Any other amateur not residing in any of the above mentioned counties can also be listed providing his order accompanies his request.

This year we are only printing enough copies to take care of advance orders so don't procratinate. Send in your order and tell your airbuddies, fellow club members, and possibly we can top the $300 we senf in to the Variety Children's Hospital, net profits of the first edition, which, by the way, is still available at the leading ham equipment stores or direct from Morris Stabin, 1136 S. W. 74th Court, Miami 44, Florida.

73, Moe, K4DJW

FROM THE PRESS - OSCAR II

From Miami Herald, June 3, 1962: "SATELLITE SAYS "HI" VIA RADIO Sunnyville, Calif. A do-it-yourself radio satellite called OSCAR II is orbiting earth every 92 minntes, rhirping "hi" in international code to amateur radio operators around the globe.

"OSCAR II was launched by the U. S. Air Force Friday (June 1) on behalf of the American Radio Relay League.

"The Air Force did not immediately announre the point of launch or disclose the booster that put it up.

"Project OSCAR Association with headquarters here, is tracking the 10-pohnd satellite from voice and code radio reports sent in by amatehrs.

"OSCAR II's "HI" is broadcast on 144.993 megacycles. In code it sohnds like "dit dit dit dit (space) dit dit."

"The interval between dits depends on OSCAR II's temperature. When he's cold he drawls and when he's warm he splutters. At high speed there's an interval of about o second between "HI's".

OSCAR II has an improved keying circuit and greater keying circuit and greater transmitter efficiency than OSCAR I, launched by the Air Force for the amateurs from Vandenberg Air Force Base in Southern California Dec. 12, 1961.

"OSCAR I broadcast for 20½ days but OSCAR II is expected to chatter away for a month or more."

HINTS AND KINKS

In a QSO with Stuart, K4-AEJ in Georgia he was telling me about his "INVISIBLE" antenna for mobile use. He calls it a "Resonant Slot Antenna." He makes use of the inside frame of the front (or back) windshield, on 6 meters — using a Sixer. He made a ground wave contact of 500 miles — mobile to mobile with Slot Antenna.

He sent me a copy of the diagram on how to hook it up. I think this is worth some experimenting, such as the chrome window frames on the outside. If the frame was cut and an insulator — capacator installed it would be even better on 2 meters.

73, Fred, K4UGC Miami.

BAJO NUEVO - SERRANA BANK DX-PEDITION

ED CUSHING, W4QVJ

Leaving Miami International Airport April 24th at 6 a. m. were W6HAW and family, W8FGX and wife and W4DQS, W4CKB and W4QVJ, the last three being Florida residents and members of the Florida DX Club. Bound for San Andres Island where they met the Colombian contingent and boarded the "M. V. Arcabra" for Bajo Nuevo and Serrana Bank for what some have called "we, The People" on tour!! What with f i v e American hams and f i v e Colombian hams plus two non-hams and a professional photographer they may have been right. Bajo Nuevo was first with operations starting about 2330 GMT on April 27th with the first QSO going to Chuck Bolvin W4LVV, DX editor of SKIP, on 20 meters cw. Two complete stations operated for approximately 70 hours with nearly 6000 QSO's being recorded.

Serrana B a n k operation were started on Tuesday, May 1, at about 1900 GMT and continused for about 30 hours running up about 3700 QSO's making a total of approximately 9700 in 100 hours of operating.

Equipment was extensive .. 3-HT 37's, 2-HT 41's, 2-SX 115 receivers 2 E Z Way 40' crank up towers, generators, etc., p l u s 2 Telrex TC-99B beams that proved to be the strong point of the trip inasmuch as the exciters alone were used most of the time and signal reports were excellent for the most p a r t. When band conditions made it necessary one station operated with a linear while the other closed down temporarily.

Many Florida stations were recorded in the HKAB and KS4BF logs and it would be a lenghy listing to show them all. From all reports the DX-pedition signals were into Florida with good strength on all bands. Many of the Florida gang on 7296 worked both islands during the "wee-hours" of the morning.

'Sloppy Joe" Ham sez:

Think about

SKIP ADVERTISERS

They think about you

LETTER TO EDITOR

Editor, FLORIDA SKIP:

I have enjoyed reading the various articles and column's that appear in the "Florida Skip" since I subscribed to it early last summer. "Burt" W4-CNZ showed me a copy of his and it lead me to subscribing to it. It is an interesting publication and very informative in its covering of the amateur radio activities in the state of Florida.

Am looking forward t o meeting the people that write articles for the Florida Skip. Sure have talked to some interesting operators on the bands and while participating in the amateur activities here in the state of Florida. I have lived here only a year and will probably leave next fall or whenever the U. S. Navy orders me somewhere else.

Keep up the good work (long h o u r s I presume) as you have a very enjoyable, interesting and easy to read publication. Also very informative.

73 "Dick" Lennon, W4TRU
Key West, Fla.

It is anticipated that one, or more of the national magazines will have a story on the trip with more details and pictures. As of this time the pictures h a v e not arrived though the movie f i l m has been processed and is in the editing stages and shortly should be available. This will be shown on WFGA-TV, Jacksonville, and might possibly appear on other TV stations.

FLORIDORA YL NEWS

By Jeri Bolles, K4RCK

The St. Petersburg Hamfest had many Floridoras attending and the girls won some very nice prizes. Floridoras at the Hamfest were: W4BIL-Fran; W4WPD - Shirley; K4-PLT - Sandy; K4LFA - Dot; W4TDK - Naomi; W4BAV - Cathy; K4RNS - Marge; W4-IUR - Mim; WA4EEZ - Leslie; W4KZT-Lucille; K4RCQ-Elsie; K4EAC - Hilda and K4-NSY - Madlyn; and W4HRC-Little Bo.

May 19th, W4BIL and OM held open house and many of the Floridoras and their OM's spent a delightful evening having refreshments and ragchewing. Marie, W4HRC's sister, even had Happy Birthday sung to her.

The Novice YL CW Net, began Sunday, June 3rd at 0900 EST on 7.185 kc. Sylvia, WN-4EEO, Net Manager, is offering a certificate for ten consecutive checkins and invites all Novice and General stations to take part. Try to get on Sunday for the fun and keep the CW going.

There has been a change in sending for the Floridora Certificate. Just list the calls of Floridoras worked, have it endorsed by two radio amateurs and send the list and self addressed stamped envelope to: Marge Campbell, K4RNS, 24 Palmetto Dr., Ormond Beach, Fla.

Gladys, K4LVE, has resigned as 4th District Chairman for YLRL and Annette, W4-CWV, has taken over the duties for the remainder of the term. Annette is also Net Manager of the SSB Net.

Sorry to hear of the passing of Eleanor's mother. Eleanor, W1QON, is YL Editor for QST. Our sympathies to the family.

The Sunday Floridora Net has been suspended for the summer by Little Bo. Band conditions on 40 meters being what they are the SSB girls are going to try 75 if they can't get together on 40. Understand they have had some nice QSO's on 75.

Alice, K4TGA, Norfolk, Va., is getting up a new scrapbook and would like pictures of Floridoras. Let's all send her one.

Sue, W4VSG, Net Manager of Floridora 6 Meter Net, is very proud of the new 145X and 9 element beam. It was nice hearing Ann, W4FEU and Marilyn, WA4EXO check in on the Net. Hope Jackie, WA-4AID, is feeling better and will join in again.

Mildred, K4JGU, is going on a two weeks vacation in August, but spending her vacation in school along with her OM. Mildred is going for the General ticket ando ur best wishes go with her.

W4UF, Dot, is the first Floridora YL to receive 100 award. Also, in doing research, Dot has developed a new technique for rapid examination of shark chromosones.

Fran, W4BIL, is home from the hospital after surgery and hope she has a speedy recovery and back on the air soon.

Fran, K4PPX, has RAF 5. During an 80 mile wind Fran's beams fell but she is operating both 6 and 2 meters, with FB signal, with crumbled beams on the rooftop.

K4JZX, Joan, can be heard evenings on 2 meters with the Two'er. Floridoras who have not renewed for this year can send their dues to Joan.

HAPPY BIRTHDAY: July 5 - W4WJM; 10 - WA4EXO; 14 - K4SMW; 24 - K4UBB; 27 - WN4BSH.

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5-125B, Guaranteed	**10.00**
813, Guaranteed	**6.75**

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HAM TV NEWS

AL JOHNSON, W4LSA

We are still on air with HAM-TV on about 435 Mc. Finally got our Yagi up on the pole above the 220Mc & 6N2 beam about 25 feet high. So now ready for two way contacts with any interested TV hams. Any wishing to monitor can do so easily with the aid of an UHF converter and a Yagi or a corner reflector antenna. Will be glad to schedule anyone also to give frequency check on transmitter being built as I am the lucky owner of a TS-175/U frequency meter and an APR-1 receiver both cover from 85 to 1000 Mc.

Mel Shadbolt, W/KYQ, tells me they have been able to work 10 to 15 miles over hilly terrain with the transmitter described in his HAM-TV book and which is the one I am using at present. This with a Yagi or Corner Reflector Antenna. With an input of from ¼ to 1 watt should be able to get 20 to 30 watts out of the antenna. Several fellows have indicated interest one as far away as West Palm Beach. Hope we can populate the bands from 6 up to ¾ meters. K4ZMZ is moving north and taking his equipment with him. WA4BGL and K4DQO may be on HAM-TV soon.

Had a very pleasant visit by W4OVO and his son and gave them a demonstration of HAM-TV. They looked very nice on the one-eyed monster without pancake make-up yet! Have nearly converted my AXT-2 surplus TV transmitter and am now in process of tuning and bringing up to the higher frequency. At the present time I have equipment to receive from 15KC to 1000 Mc and an A P X - 6 in the works for moonbounce but don't know if I ever will get up there. Anyone interested in a HAM-TV demonstration please contact me for a date. Here's hoping we can get a lot of our hams interested in the high bands and keep them for the HAMS. Construction Note; Radio-Electronics for May & June 1962 has instructions for building a TV camera using Vidicon tube. If you can scrounge a used one somewhere you're in business. C o p i e s can be had for 50 cents each at 154 W. 14th St. New York 11, N. Y. 73 & Be seeing you Al

FLORIDA SIDEBANDERS

Florida Skip Inc., has undertaken the heavy task of printing copies of Florida AREC plan for each amateur in the state of Florida. The expense of such a project is, of course, quite large. Skip has asked, therefore, for some help form any ham, or organization, interested in assisting skip in this effort. Anyone or any group so inclined may contact Andy Clark W4IYT editor Florida Skip, Inc. We highly recommend your serious consideration of this matter, as this is most certainly a worthwhile project and deserving of our support.

I just love to prove people wrong, so here goes: "MG" Albritton - K4FQH, said the other night he expected the first time his name was ever in print would be as a "Silent Key". Just so this doesn't happen, it would have to be at least the second time "MG".

Newly certificated members of the Florida Sidebands: No. 120 - K4AXJ - Marcine, Melbourne; No. 121 - K 4 T T T, Rick, Gainesville Key West; No. 122 - W4GPD, Bob, Winter Park.

One of our members is making a round-the-world trip and has arranged to have his SSB gear with him. Don, W4-ACT, now a Maritime Mobile in the SS President Polk, is usually around 14.280 or 14.-320. Keep your ears open for some good DX.

Florida Sidebander elections were held during the regular meeting at 1700 on 10 June. The following were elected to office for the next six months: President W4CNZ, Burt; First Vice President W4GWF, Bob; Second Vice President W4-TOD, Dave; Secretary K4-FQH, "MG"; Treasurer W4-JQ, Tony; Net Manager W4-OVE, Vance. To our past officers, our gratitude for a job w e l l done. We particularly want to "Tip our lid" to Tip. His unstinting efforts on behalf of our organization have resulted in increased membership, prestige, and more responsibilities. T h e Florida Sidebanders is now firmly established and it is hoped that the future officers will work as hard and as conscientiously to further our purposes. Since the writer of this column was the one elected to the presidency, I pledge my best efforts to do just that.

Have you heard VE3IM portable W4 lately? Chuck is sporting the new heath "Marauder" HX10, SSB transmitter. Sounds real nice too!

That's the output of my balanced modulators for this month, see you all on 3940-KCS. Read Florida Skip.

Burt W4CNZ

TRAFFIC HOUNDS

(E. FLA MAY)

K4SJH	915	BPL
WA4BMC	562	BPL
W4TUB	456	
W4KIS	305	
K4BY	238	
W4AKB	233	
W4NLX	158	
K4KDN	145	
W4EHW	108	
W4VLH	108	
K4COO	107	
W4LDM	103	
W4DFU	99	
K4RNG	89	
W4CNZ	85	
WA4AME	78	
K4LCF	75	
K4ILB	67	
W4CWD	66	
W4TRS	65	
K4FMA	62	
K4DBT	61	
K4AHU	59	
W4EAT	59	
WA4CJC	57	
K6SXX/4	57	
WA4DCI	55	
W4IYT	51	
WA4COR	50	
K4YCQ	44	
W4DVR	42	
K4AX	39	
K4ENW	38	
K4DAX	38	
K4TBG	34	
W4BKC	31	
K4RDX	30	
WA4BGW	30	
K4VNA	29	
K4MTP	25	
W4HLE	23	
K4LVE	23	
K4JZU	22	
K4AKQ	22	
K4QOE	20	
K4PPX	19	
W4ZAK	19	
W4IMC	18	
W4LMT	16	
W4SMK	14	
K4KGB	14	
W4BNE	13	
W4CNT	12	
W4AYD	11	
W4LSA	11	
W4SVB	11	
K4ZIF	10	
WA4HCK	10	
K4BHL	9	
K4OSQ	8	
K4GUE	8	
K4OII	8	
W4SVI	7	
K4JZX	7	
WA4AZZ	7	
WA4BGL	6	
W8LDU/4	6	
W4DTS	6	
K4OZS	5	
K4LML	5	
K4PVP	5	
W4YPX	4	
K4IWT	4	
WA4AII	4	
WA4KZX	4	
W4BBZ	4	
W4OHA	2	
WN4FNF	2	
K4CMK	2	
WA4AMV	2	
WA4AIH	1	
Total	5357	

2 BPLs - 81 Stations reporting & 98 operators.

LATE REPORTS - APRIL

W4KIS	202
W4SDR	171
WA4HCK	54
K4LLI	46
WN4FNF	36
W4YPX	30
W4UHB	27
WN4BSH	25
K4FMA	16
WA4HCJ	14
K4RHL	8
W4SVB	6
W4OHA	3
W4EGL	2
Total	640

LATE REPORT - MARCH

W4SDR	141

GRAND TOTAL TRAFFIC - 6138 95 Stations 112 Operators.

NET	TRAFFIC	AVERAGE
SETN	500	16.66
FMTN	487	18.73
FPTN	300	11.11
GN	173	5.58
TPTN	158	5.10
FAST	92	4.00
Total 1710	11.00 mean avg.	

TRAFFIC TOPICS

A downward trend is apparent in both traffic and the number of reporting stations as well as net totals. This can be blamed upon poor signal conditions plus absentees on vacation and, of course, the slow down of blood circulation brought about by the weather. 73 — Ham K4SJH

(W. FLA. MAY)

WA4FIJ	30
W4GAA	29
K4BDF	20
W4ZGS	7
W4MLE	204
K4CNY	132
K4BDF	132
K4KHC	106
W4CMG	29
W4ZGS	20
K4CNY	167

DADE RADIO CLUB

Our new QTH at Dade Federal Savings and Loan N. W. 58th St. and N. W. 7th Ave. is sure conductive to attendance, and why not?—Air conditioning, pleasantly illuminated, comfortable chairs, free parking, porter serice, coffee urns with the hot java awaitin, and even elevator facilities for us old dodderers who 'druther not negotiate the one flight. Us Hams are living it up and if there's a spare buck in the bunch, pse open an account with Dade Federal to show our appreciation.

FIELD DAY—By the time you read this F-Day will be a hot memory. But in the interim exhaustive battle plans are being drawn up by such erstwhile field commanders as Ted K4ONY—Carl W4DTJ—Ed K4MAV—DICK WA4BYS. A cry went out for equipment and volunteers poured it on like it was raining gear; H R O s — Globemasters — KWM2s (only one) Elmacs and Elbow Greases, the latter a most desirable lubricant necessary to erect makeshift antennas.

LOOTENANT TED K4ONY did a spendid job in securing a field cite in the lower hinterlands of glittering Miami Beach. We have it on good authority that he actually had to soft soap at least one dozen big wheels in the chain of governmental bureaucracy, stopping short of the governor. We all appreciate your effords Ted. So what if we'll be operating in the heart the city garbage dump, its the thought behind it that counts, not the odor. Hi.

FIELD DAY FEATURES—
1. A dipole can be strung from a 40 ft. pole to a docked Navy minesweeper 500 ft. away over water.
2. The minesweeper will not get underway during field day unless w a r is declared, the Navy assures us.
3.Operators will have to endure with such discomforts as air conditioning in the field day shack, plus a coke machine. The running beer faucets are out of order this year.
4. 10% reduction on overnight accomodations in the nearby Fontainebleu.
5. Nuff sed; but Orlando, put an extra guard on that trophy!

NEW BUSINESS-Paul K4-YSS suggested Prez Jake's (K4PFB) QTH for the next meeting, a pure hoax to a certain unsuspecting mother-to-be who at the time did not know the club was drumming up a surprise shower for her offspring-to-be. K4SEE (o.m.) was in on the gag though. The rules in these matters are that in the event of quadruplets Dade Radio has to make up the deficiency in diapers for one year.

Lt. Harry Balfe W4MKe/5 now stationed in Texas can be heard on 14,350 KC on sideband abt 5:30 PM our time.

SKOOL COMMITTEE—W4-LVV sez nuttin doin til fall of '62.

BRUCE K4RRB — the one and only (there just couldn't be another) famed wanderer, flyer, squanderer, explorer of South American jungles with pictures to prove it, and a swell ham to boot is down to his last million so he plunks down some hard cash on a Star class sloop. Take it from an old Cape Horner, Bruce, that boat you got there is all racing machine and is renown for discovering more hidden shoals with its fin and bulb keel than the Coast and Geodetic Survey w i l l admit to. Happy swimming to you, and you can always salvage the standing rigging, they make fb guy wires for that vertical you promised me.

REVERSE TVI — Yep, this belongs in Ripley's column. Dick W 4 B T M our canny hoomorist came up with this lulu: it seems a complaint was filed with the FCC, in which a citizen swore everytime a certain ham went OFF the air his (the citizen's) TV picture went haywire and the moment the ham threw the carrier on, presto the TV picture snapped back to normal.

After that one its time to quit while we're ahead. BCNU

Jack Wacher W4OBA

THANKS FOR RAF CERTIFICATE

FLORIDA SKIP RAF Committee:

It's a beautiful R. A. F. certificate and I have it hanging on the wall - framed. Thanks a lot!

Here are five more counties enclosed. (Total 20)

Big Mike, WA4BMC

1925

4XE—William Justice Lee, Interlacken Avenue, Winter Park, Fla., Sec-Treas, Chase & Company (Fruit Brokers) Orlando, Fla. Lt. Comdr. U. S.N.R.F. (Force), V 3, CVS, organizer & Com. Officer First Naval Reserve, Communication Div. at Rollins College, W. P., Fla.

Was graduate of Annapolis Naval Academy class of 1922. Later did research work in bacteria with R. F. at same hospital. In 1945 was the supreme Liasion Officer between USN & USNR.

4EZ — Clarence F. Clark, 1924 Swift St. Jacksonville, Fla. now living near Washington, D. C. Had a brother by name of Mourice, 4BP. Organizer and Commanding Officer of Naval Reserve Unit in Jacksonville. Both Clark brothers were licensed prior to 1922. May be W4JR now.

4UA — Eugene T. Hummer, Rural Rt., Dundee, Florida. Active member as Radioman second class of the U.S.N.R., Orlando Unit 1926-1930. Active on 40 & 80 cw with two UV-202 Hartley, 10 watts.

4FS — Fred William Wienberg, Jr. (may be spelled 'barg, not sure) 1736 Myra St.. Jacksonville, Fla. 100 fatt CW, probably a pair of 203-A. Later moved to Miami, worked for an Electrical House on south side of N. W. 20th St., about 300 block.

Was in Gov Civil Service during WW-II, located at Key West, Fla. Was licensed prior to 1922.

4QY — William Frank Grogan, Pine Court, P. O. Box 816, Ft. Myers, Fla. from 1924 to 1926. Station r a t e d 20 watts.

4IZ — William P. Moore, 339 Plant Avenue, Tampa, Fla. Station rated at 100 w. Was licensed prior to 1922.

4XE used a pair of UV-204 (¼kw each) in a MOPA circuit with feed-back to the oscillator so it wouldn't have to drive so hard. The finals may have b e e n self rectifying (back to back) as don't recall seeing any rectifiers around. He built a rig for the Naval Reserve in 1926 using a pair of 203-a self rectifying, driven by a single UG-210 crystal controlled. Both of these rigs had the same distinctive bellnote with an AC "gargle" in 1926. 4XE must have been crystal control in 1925 as was 4NKF the USNR station mentioned above, in 1926. The 4-XE crystal holder was written up on QST about this time and appeared in the first Handy Handbook by ARRL.

Historial Staff
Florida Skip

VOICE OF AMERICA AMATEUR RADIO PROGRAM

CQ, CQ, CQ, to all radio amateurs and shortwave listeners from the Voice of America. Every week, the Voice of Tmerica broadcasts the VOA Amateur Radio Programs to all areas of the world at v a r i o u s times throughout the day. The program consists of 15 minutes devoted to the latest gossip on the ham bands, interviews with radio amateurs around the world, propogation for e-casts, and discussions of the latest technical news of interest to radio amateurs a n d shortwave listeners.

The broadcasts, in the English language, are written and voiced by Bill Leonard, W2SKE, one of Americas leading news commentators, and a very active radio amateur operator. Gene Kern, W2BAK, produces the program, and propagation forecasts are by Bill Dulin, W 4 E T T, and George Jacobs, W3ASK with radio amateurs everywhere invited to participate.

The distinctive QSL card of the VOA is available for exchange with listeners of the Ham, Show, and W2SKE and the gang are looking forward to receiving QSL cards from radio amateurs and shortwave listeners everywhere. Listeners may forward their QSL cards to either of the following addresses:

Bill Leonard, Post Office, Box 29, Geneva 12, Switzerland or Amateur Radio, Box 922, Washington 4, D. C.

Local times and frequencies for WLWO (Complete listings and sked's write Frequency Division, IBS/EF, U.S. Information Agency, Washington 25, D.C.) Office of the Engineering Manager.

Sunday A.M. 2:30 to 2:45 A.M. on 9740 kc - 9770 kc - 11940 kc Sunday P.M. 5:30 to 5:45 P.M. on 17710 kc. Sunday P.M. 10:30 to 10:45 P.M. on 9650 kc.

(SHACK GOSSIP : MIKE AND KEY)

GATOR NET

MEETS AT 0830 EST, DAILY, ON 3650 Kcs Primary Frequency and 7115 Kcs as Secondary Frequency. Speed adjusted to the operator checking in. Primary reason for net is training in CW traffic handling with actual relay work incidental.

The advent of summer vacation season has left us somewhat short of checking in stations. Herb K4KDN and Tom K4COO have departed for northern climes. Fred W4TUB is conspicious by his absence for some reason or other while Kent K4AHU, former manager of the net, is now well enough that his stay-at-home days are ended, we hope, for good. He is now helping his father at work and expects to return to school come fall.

Hank, W4TAS, who was once an old regular, has not been heard in a long time except for an occassional check-in on MARS. Dan K4EHY comes in on occascion now that school is out but Don K4FMA is still absent. Jim K4BY, one of our old standby stations is always around to handle traffic.

Whee W4LDM has the kind of a job now that permits him to check in pretty often. K4-FQP has been in regularly also. Looking for Jim K4-JWM to come back now that school is out. Rij W4EHW is there EVERY day, his usual cheerful self always ready to do anything asked of him.

John K4AX comes in regularly acting as laisson to and from the international SSB net handling out of country traffic. We miss Henry W4-DWI but know how busy he is just making a living. Many of the old gang don't check in any more. We wonder why?

This new welcomes ALL cw men whether traffic or not and particularly those phone men who feel that they would like to dab in CW work a little. All you novices who have recently graduated to a higher class ticket should try to keep what code speed you acquired and this is just the place to do it. Courtesy and service to all is our motto.

REMEMBER—Being able to operate CW is an ACCOMPLISHMENT of which you can be proud.

73 — Ham K4SJH, Net Manager

WHEELS TO ORLANDO HAMFEST

The wheels rolled to Orlando and one of the most productive sessions at the Hamfest was a three-hour conference attended by W 4 R K H SCM W. Fla., K4SJH SCM E. Fla., W 4 I Y T SEC E. Fla., W4MLE SEC W. Fla., K4KDN RM E. Fla., W4EHU RM-RTTY E. Fla., W4OVE (Mgr FSEEN) and W4LS, Sidney Davis, Emergency Communications Co-ordinator, American Red Cross, Richmond, Va.

Subject of the discussion was handling AMCROSS traffic in emergencies, and now to solve the problems of cross-filing from AMCROSS landlines to Florida AREC circuits and vice versa.

As background, AMCROSS had more than 10,000 messages for Florida during Hurricane Donna, which were backed up at Macon, Richmond and other points because landlines were down or overloaned and Florida amateur emergency nets were so bogged down they were not aciepting "welfare" traffid. Macon had over 1000 messages for Miami, alone, which hung on the peg for more than 48 hours because they couldn't move them.

With this foul-up in mind, the Florida AREC Plan, developed after Donna, provides for AMCROSS traffic to move into Florida and out of Florida mainly on Net D. (QFEN) and Net E (FREN—the newly active Florida Radioteletype Emergency Net.) These are the two circuits best equipped to handle traffic in wholesale quantities.

To summerize what came out of the conference, in any disaster affecting ONLY Florida, AMCROSS stations will operate in QFEN and FREN. All other Florida nets with AMCROSS traffic will transfer it to QFEN or FREV via Key City.

If the disaster involes other states IN ADDITION to Florida, AMCROSS will receive traffic on NCEFs, but probably would send any real bulk of traffic on QFEN or FREN.

AMCROSS traffic received on these Florida nets will be relayed through other AREC nets as necessary for delivery to Florida cities.

NCS on QFEN and FREN should keep in mind that traffic to AMCROSS can be sent to any Primary Relay Centers. They are located in Macon, Richmond, Springfield, Ill., Dallas, California and Washinfton state. They're tied together with leased landlines. Normally our traffic will go to WA4DZR in Macon, Ga., W4PHL in Richmond, Va., or W9DUA in Springfield, Ill. Even if traffic is addressed "AMCROSS MACON . . ." it can be sent to W4PHL or W9-DUA (or any other AMCROSS Primary Relay Center station.) ,

One tricky little problem cropped up wich though solved in a way which makes it almost non-existant for you. We think you should understand.

Nearly all AMCROSS messages in NORMAL times have to do with servicemen overseas. Thus, their message form is very close to the military and MARS from and is somewhat different from the ARRL form used in AREC. W E WILL CONTINUE T O U S E A R R L MESSAGE FORM, E V E N FOR A M-CROSS TRAFFIC, TO AVOID CONFUSION.

AMCROSS will put their traffic in ARRL form before filing into our CW nets. And they'll take our traffic in ARRL form. On RTTY, however, their tape is already punched in their form so it will go on our RTTY nets in AMCROSS form to permit automatic reperforating equipment to operate. The first Florida RTTY station to refile to another AREC net will put the traffic into A R R L form before re-filling.

Sid Davis, W4LS advised everyone present AMCROSS would file "practice" traffic into our CW and RTTY circuits during the next SET, and maybe before. We will keep you advised in SKIP.

W4MLE

BIG THANKS

As a recent Novice I would like to express my personal thanks to all of the many fine general amateurs for their generous and able assistance to the many new operators. Without their patience, skill, and willingness to help, many Novices would never qualify for General and Tech. I hope that as a general license holder, I may, in the future do the same. So again, thanks Generals. 73 Robert E. Inscho, WA4BAL.

RESOLUTION

WHEREAS, there has been a proposal to adopt a regulation requiring applicants for Amateur Radio License to pay a fee with such applications;

WHEREAS, radio amateurs have for many years at their own expense made themselves and their equipment available to the public generally for the purpose of maintaining comunications in time of various communications emergencies;

WHEREAS, radio amateurs have never received or expected any compensation for such public service and are prohibited by law from being compensated for such service to the public, either directly or indirectly; ,

WHEREAS, radio amateurs have provided a source of trained personnel for use by the government itself in the advancement of recent scientific projects involving the use of radio and other communications equipment;

WHEREAS, the radio amateurs in and around Lee County, Florida, have band together in the FORT MYERS RADIO CLUB, INC., in order to work together for the purpose of increasing their pleasure in their hobby and improving their usefulness in time of communications emergencies;

AND WHEREAS the 80 members of said club unanimously feel that the adoption of the proposed regulation would be a deterrent to many persons interested in becoming radio amateurs;

NOW, THEREFORE BE IT RESOLVED by the FORT MYERS AMATEUR RADIO CLUB, INC.,

1. That they unanimously oppose the adoption of the proposed license application fee regulation;
2. That a copy of this resolution be spread upon the minutes of the Fort Myers Amateur Radio Club, Inc.;
3. That copies of this resolution be sent to the proper authorities charged with the adoption or non-adoption of said regulation;
4. That said authorities be, and they are hereby urged to vote and act against the adoption of such fee regulation.

ADOPTED by the FORT MYERS AMATEUR RADIO CLUB, INC., in meeting assembled this 16 day of April, 1962.

Kenneth D. Stewart
President, W4SMK

UNITED WE STAND

After 48 years of service devoted to amateur radio, many of us may consider the American Radio Relay League an organization that has always been available to assist amateur radio operators. We might assume that ARRL, like the FCC, was operating smoothly and efficiently even before there were any amateur operators. Such is not the case, but here is another example of that which was created in the past for our benefit in the present, making the situation better for the future.

Perhaps the "amateur" just grew, but the year 1901 is about the time that amateur radio got started in this country. From a slow start, interest gained to the point where some sort of regulation was deemed necessary, and in 1912 Public Law 264 was passed in Congress . . . "An Act to Regulate Radio Communication". There were commercial wireless stations as well as amateurs, all operating as they saw fit.

The first "Certificate of Proficiency" was issued on Dec. 12, 1912 to Irving Vermilya, still operating as WI-ZE on Cape Cod . . . he was the No. 1 radio amateur in this country. By the year 1914 the number of amateurs had increased considerably, but progress in the development of the Art had not covered too much ground.

Among other limitations was the short range or distance that amateurs were able to cover in working other stations. Because of this fact, one of the early amateur operators conceived the idea of increasing the distance he could send a message by the simple expedient of relaying the message thru a station that was within his range.

Now this may not have been an original idea because commercial wireless had used this method before, but it was novel as applied to amateur radio and became the basis for the ARRL.

The amateur who had and applied this thought was Hiram Percy Maxim, and although he had previously thought of starting a national amateur organization, something seemed lacking to bind the organization together so the thought lay dormant. After his success in relaying that first message from Hartford to Springfield, the thought occurred that this might be the needed ingredient to bind a national organization together.

From this developed the American Radio Relay League, which had its start in May 1914 when Hiram Percy Maxim and C. D. Tuska of Hartford wrote to all the amateurs listed in the government call book explaining the purpose of the organization, and soliciting membership which was free on application and there were no dues.

Also in 1914 the first League publication was issued . . . a call book of League members, listing calls, power, operating times and speed, etc., all for fifty cents . . . and QST is only fifty cents a copy today! In December of 1915 QST was born and published privately as the official publication of the League. Membership still free, but one dollar per year to get the magazine. World War One disrupted amateur operation and in 1919 the League came to realize it was in sereous financial straits.

With only $33 in the treasury, the Board of Directors had the courage to plan ahead and move effectively, to the extent that the privately printed QST was purchased by and for the League, and Kenneth B. Warner was elected the first paid secretary of the League. To do all this and get the re-organized League going, $7500 had to be raised. This was done by floating a bond issue which was fully subscribed to by the League members . . . all with no security offered, the loan was made on faith only!

The Board of Directors and those that followed have had many decisions to make, and the growth of ARRL is proof of the fact that these decisions have been well made. The current issue of QST brings you up to date on the new ARRL Headquarters building, and a fitting tribute this will be for the Golden Anniversary of Amateur Radio, by the organization that has been the very backbone of amateur radio since its beginning. We can all take part by supporting the Building Fund and GO FORWARD with our ARRL!

(W1GVT-NUTMEG NEWS)

MOBILE OPERATION

One bright Sunday afternoon while mobiling on the way home, I suddenly noticed the plate current on the rig drop to zero. Pulling off to the side of the road, I opened the trunk compartment and found the blown fuse which had been caused by a bad vibrator in the power supply. This I shrugged off as being just one of the breaks we hams must conteend with one in a while. I was just a short distance from home where I could replace the bad parts and be back in operation in short order.

After arriving home and restoring the mobile to health, I found myself thinking about the experience I just had. It was then that a horrible thought came into my mind.

Suppose I had been involved in some sort of emergency at the time, instead of ragchewing, and that I was located in some isolated spot, miles from replacement parts. It became readily apparent that every mobileer should carry in the car at all times some sort of emergency repair kit.

To be effective, this kit should contain more than just spare fuses and vibrators. Certainly fues and vibrators are about the weakest link in a mobile installation, but not the only ones. Upon pulling out the schematics of my rig, I proceeded to make a list of all tubes and any other weak links in the mobile chain. I then obtained a small metal box, and started to collect the necessary parts to make up the emergency kit. This of course, could be an expensive adventure. However, I found about 90% of the needed items in surplus stocks at the local MARS station.

Here are the items now packed in the kit: A spare tube for each tube in the transmitter, receiver; vibrators, fuses; file, carbon mic button, dial lights, silicon rectifiers, solder, small 12V soldering iron, roll of light wire, and a list of parts in the box for reference and replacement.

Is your mobile installation dependable in an emergency, or do you just cross your fingers and hope nothing goes wrong with your rig?

(W3YII - ZER0 BEAT)
WSARC

NEW ARRL PREZ

Herbert Hoover, Jr. K6ZH/W6ZH of San Marino, California, an engineer who served the nation as Under Secretary of State from 1954 until 1957 was unanimously elected as President of ARRL at the conclusion of the Annual Meeting of the ARRL Board. Goodwin L. Dosland, WTSN, ten years ARRL President and with 25 years service on the Board declined the nomination and was made Preident Emeritus.

The Board reviewed the status of all amateur matters before FCC and voted that ARRL oppose any fees for filing amateur Applications, also voted that ARRL urge affirmative action on the rule-making to increase the authorized power permitted on 420 MC to 1000 watts and that the league follow its request for enlarged 160 meter privileges closely.

The Board rescinded its action of last year requesting United States amateurs to avoid the use of the high end of twenty meters. Further study of ways to assist twenty meter operation conditions was referred to committee. The Planning Committee was aksed to examine the question of some of the ten meter band for Tecnicians.

General Manager Huntoon was directed to attend the dedication of the amateur station at the Headquarters of the I T U at Geneva this June. The Board authorized publication of a ten year QST index, availability to be noted in QST late this year, also publication at a later date of a V H F handbook. Also approved was a plan for advantageous revision of the Leagues Pension system to embrace a group p l a n rather than individual insurance policies.

Director Noel B. Eaton, VE3CJ, was elected to the Leagues Executive Committee and Directors Denniston WNWX, Doyle W9GPI and Kahn W2KR were returned to that committee.

Housing and finance Committee reports were received and the Housing Committee continued. The Board approved Acceptance of bids from the lowest bidder, reviewing the financing and plans for construction of the new office building on the W1AW site so this could go forward immediately. About one y e a r will be required for construction. At the conclusion of the Board Meeting all officers and directors took part in the ground breaking ceremonies for the new headquarters.

NEW HANDICAPPED NET

In case you missed the item carried in May QST under "With the AREC" here is a repeat:

"ARRL Southwest Division Director W6MLZ is establishing a Net of Handicapped amateur to monitor the NCE frequencies in emergency. This Net will be called "The Handicappers Net" and it is planned that certificates will be issued to participating members and their sponsors."

These certificates, complete with Gold Seal, are being issued to all Handicapped amateurs and to those responsible for aiding the Handicapped to get on the air.

It may be of interest to know that Ray (W6MLZ) states he has close to 700 of our fraternity without sight scattered about the world to say nothing of the many who may be confined to wheelchairs, or destined never to get out of bed again, all of whom are enjoying amateur radio.

The organization has no Bylaws, Rules, or Regulations, seeks no financial or monetary assistance whatever. It is simply a move to make those of our great fraternity, who may be handicapped, k n o w how much we all admire their effort and determination to overcome the hurdles in order to pass their license exams in order to get on the air.

What can you do? Lots — writes Ray Meyers W4MLZ, Box R, San Gabriel, Calif. if you are interested. Above all do not send money, or any items of equipment. He can tip you off who in your area may be in need of some sort of assistance. If you feel "FLUSH" send in a donation in behalf of some Handicapped amateur to ARRL's Building Fund, 38 LaSalle Rd., West Hartford, Conn. so his call will appear on the walls of the new Recepetion Hall in the new League Hq.

73 — W6UTB

6 METER SSB

PAT FERRO W4WAQ

April and May have seen the beginning of numerous Band openings. The frequency and duration of the band openings in May rival some of the best in 1961.

One reason for what may seem better and m o r e frequent openings, no doubt, can be attributed to more interest in 6 Meters and more stations with higher power. We are pleased that the manufacturers are giving more attention to 6 Meter gear. The P & H 6 Meter SSB converter amplifer's are being heard in larger numbers and the 150 Watts PEP certainly is being heard at this QTH.

The second and third Sunday in May reminded me somewhat of 20 SSB.. One CQ and it was impossible to copy all of the stations returning the call. That CQ was good for 2 hours of ragchew with 12 SSB stations from the 2,3,4,8 and 9 areas, and then took time out for lunch.

Last year we predicted that 1962 would see a significant increase in SSB and from listening and talking with many of these sidebanders the enthusiasm that SSB contacts are not as isolated as the past has further promoted 6 Meter SSB.

With the larger number of stations now working 6 Meters it would be interesting if project "OSCAR" could transmit its "Hi" signal on 50 Mc. instead of 145. It certainly would have a bigger audience and add some "space" interest to 6 Meter.

It would also be interesting if some future Oscar project could be made to record signals transmitted from earthbound stations to see how really effective our signals are. Well—so much for space

Jack K4OCK has his KW abck on the air along with your's truly. We mentioned last year how pleased we were with the Telrex 6 Meter Spiralray Beam and I still think its the "cat's whisker" - Can copy South Americans off the back. This is especially good if your rotor doesn't work.— See you next month—

73' SS

P.S. Some fellow wrote an article several years ago that you should use 73- that is radio-grammatically correct - I still think that saying 73 is like a cool 807 or that someone tied a knot in your transmission l i n e . Saying 73's sounds at least more phonetically complete - maybe not right - but popular.

Patrick V. Ferro, W4WAQ
1364 N.W. 23rd Ct.
Miami, Florida.

FLORIDA DX CLUB

A WINNER

First a quote from May, 1962 QST . . . .

"Coming from nowhere, the Florida DX Club with but seven entries placed third just under a million; that's nearly 140K per man!"

As is well known, the Potomac and Frankford Clubs have dominated the ARRL Sweepstakes for many years now and as usual in 1961 they placed No. 1 and No. 2 with 69 entries going for each club. However, the Florida DX Club averaging 137,900 points per entry could very easily be called No. 1 inasmuch as the other clubs for years h a v e waged a merry battle to see who would finish third, which is about the same as finishing first.

Dale Streiter, W4DQS, of Cocoa Beach, was again this y e a r the top scorer in the state, winning the Eastern Florida Section Certificate. K4TML, Dan Summers, Ft. Lauderdale, made a strong run with 200,250 points against W4DQS's 225,570 points.

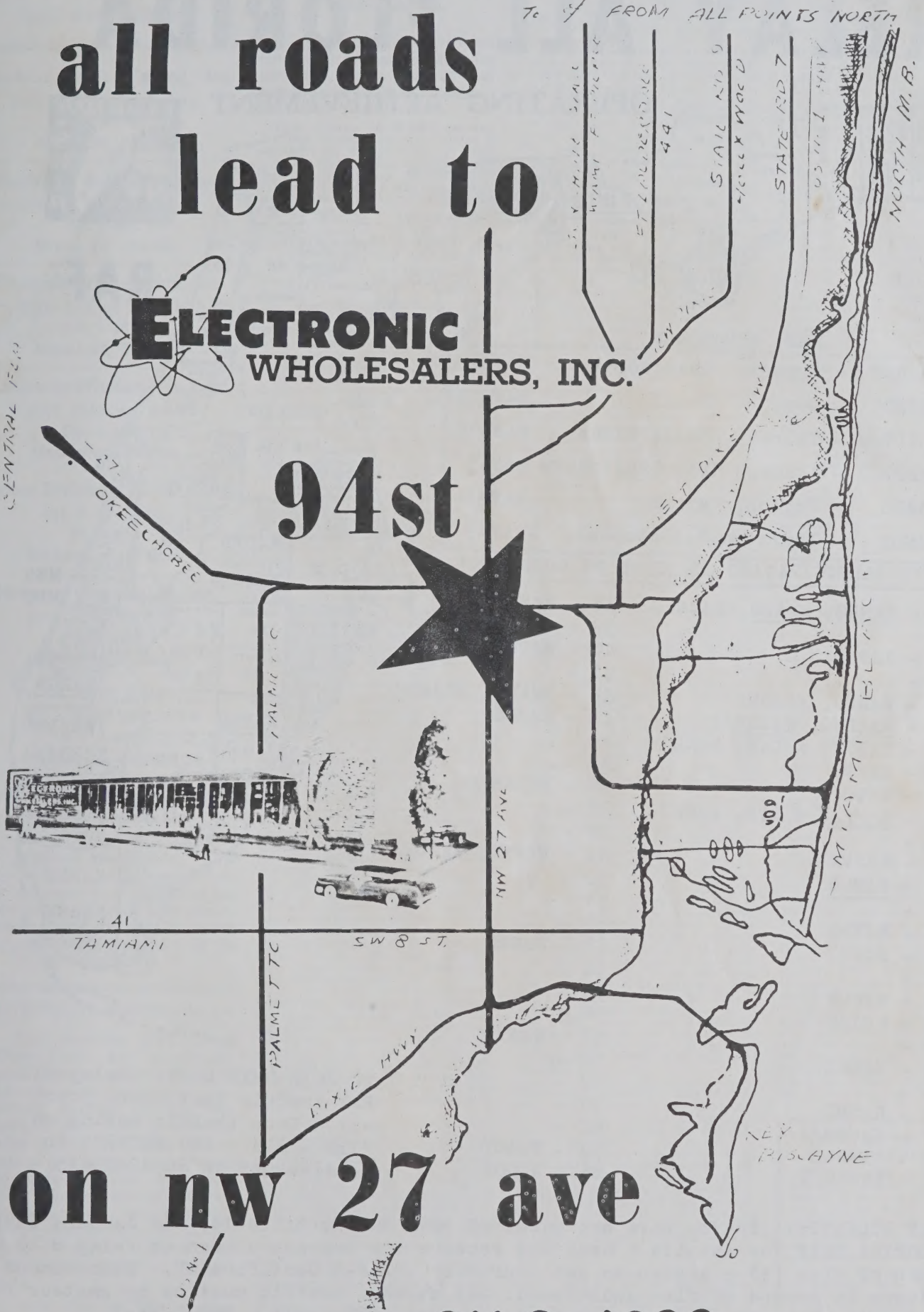
Florida DX Club members K4TML, W4QVJ, W4LVV, K4-JLD, W4MLE (2nd in West participating were W4DQS, Fla.), and K4WIS, Ross Houston, of Miami Beach, who w a s t h e Eastern Florida phone winner.

N e x t SS the Florida DX Club hopes to muster more of their muscle-men towards the 180,000 - 200,000 point class and give the Frankford and Potomac Clubs a strong challenge. With such past SS aces as W4AZK, W4CKB and W4-LVV as members the FDX-Club can look towards a walloping score this fall.

Florida DX Club now has over 100 members . . . is putting out a Bulletin with about 10 issues per year . . . . several of its members are well-known DX-ers.

73 — W4QVJ

all roads lead to



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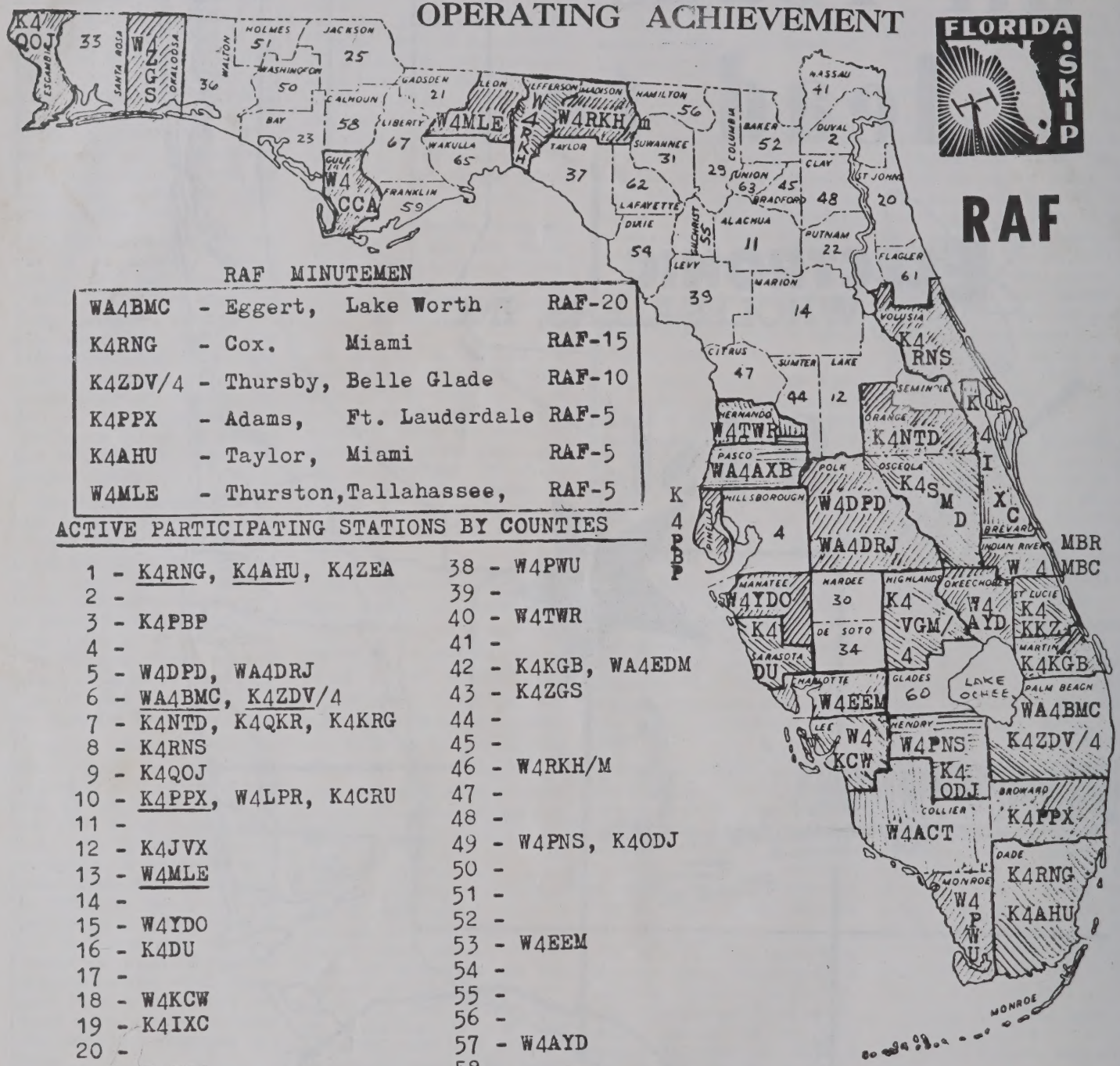
FLORIDA SKIP

RAF



RAF MINUTEMEN

WA4BMC	- Eggert,	Lake Worth	RAF-20
K4RNG	- Cox.	Miami	RAF-15
K4ZDV/4	- Thursby,	Belle Glade	RAF-10
K4PPX	- Adams,	Ft. Lauderdale	RAF-5
K4AHU	- Taylor,	Miami	RAF-5
W4MLE	- Thurston,	Tallahassee,	RAF-5

ACTIVE PARTICIPATING STATIONS BY COUNTIES

1 - K4RNG, K4AHU, K4ZEA
2 -
3 - K4PBP
4 -
5 - W4DPD, WA4DRJ
6 - WA4BMC, K4ZDV/4
7 - K4NTD, K4QKR, K4KRG
8 - K4RNS
9 - K4QOJ
10 - K4PPX, W4LPR, K4CRU
11 -
12 - K4JVX
13 - W4MLE
14 -
15 - W4YDO
16 - K4DU
17 -
18 - W4KCW
19 - K4IXC
20 -
24 - K4KKZ
25 -
26 - K4SMD
27 - K4VGM/4
28 - WA4AXB
35 - W4RKH/M
38 - W4PWU
39 -
40 - W4TWR
41 -
42 - K4KGB, WA4EDM
43 - K4ZGS
44 -
45 -
46 - W4RKH/M
47 -
48 -
49 - W4PNS, K4ODJ
50 -
51 -
52 -
53 - W4EEM
54 -
55 -
56 -
57 - W4AYD
58 -
59 -
60 -
62 -
64 - W4ACT
66 - W4CCA

TO JOIN THIS LIST: Relay all RAF traffic that comes your way. Keep traffic moving on "TEN - SIX - TWO METERS" to relieve QRM on 80-40-20-15.

RAF BULLETIN: If you have not received your RAF Certificate, see January issue FLORIDA SKIP for details. Send and receive one message direct or relay with each of five (5) counties to get your first "RAF-5 Certificate". Endorsement stamps in groups of five additional. All message traffic must be by amateur radio any mode on bands of 28 megacycle or higher. (TEN - SIX - TWO - etc)

OUR ADVERTISERS

Amateur Radio Center, Inc.
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OX 6-1620
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Miami 32, Florida

Post this near your telephone for ready reference. This paid advertisement helps to pay for your copy, tell them you saw it in SKIP

LOANED TO SMITHSONIAN

Hal Burnham K4WIQ of West Palm has a antique code-learning device which he loaned to the Smithsonian Institute. Patened in 1904, this gadget featured a cylinder with 5 rows of code-characters which could be adjusted to produce random characters. Hal uses a battery-operated home-brewed "ospectorator" ahead of it. Hal says he doesn't know why the ospectorator (oscillator) works — it just does.

Next stop for this novelty will probably be MIT. (From W4GWF's SAILFISHER)

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any items listed in this column.

This column is FREE to any licensed Radio Amateur. There is no limit to the number of items any individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

CLASSIFIED and COMMERCIAL ADVERTISING RATES:

To Licensed Amateurs; Buy, Swap, Sell (non-commercial) — **Free.**

To Commercial Business; Classified, undisplayed — 50c per line; Illustrative or General Display with border — $3.50 min., $80 / page; Initial cost of cuts, additional. Cuts furnished, no charge.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Hallicrafters S-38E receiver, like new condition $40. G. H. George W4PJU, P. O. Box 1253, Clewiston, Florida.

FOR SALE OR TRADE: Globe LA-1 Linear amplifier, new condition, factory wired. Runs 300 watts c.w. or 450 PEP, 200 watts AM with less than 7 watts drive. All bands 80 thru 6 meters. Asking $70 or will trade for SSB exciter or what have you. Earl Spencer K4FQU, 1413 Davis Dr., Fort Myers, Fla.

FOR SALE: Johnson I, D-TVIed, clean, works perfect — 150 c.w., 130 phone, manual with xtals $95. BC-221 Frequency meter, 110 v.a.c. supply, calib book and earphones $45. New hand key $2. Misc transformers and condensers. A. C. Clark, W4IYT, 41 Lenape Drive, Miami Springs 66, Fla. TU 8-3874.

FOR SALE: RTTY Terminal Unit, W4EHU design, built by K4VXE. Checked out and working perfectly. All new parts. Built on rack mounted chasis and panel. Will sell for less than cost of parts. $35 FOB Lake City. Tom Powell, K4VXE, Box 39, Lake City, Fla.

FOR SALE: HQ-129X and Side Band Slicer Model A. $90 cash and carry. F. G. MacLean W4TXA, Box 314W Route 2, Brookville, Fla. Phone 796-4796.

WANTED: Simpson or Triplett 2½ inch rectangular meters, 0-1 ma and 0-100 ma. 1500 mmfd load condenser. Xfmr 115/220 v.a.c. primary, 7000 v.c.t at 500 ma. B&W 800 RF choke. Black crackle alum panel 19 by 12½ inches. Dan A. Summers K4TML, 1712 SE 14th St., Ft. Lauderdale. Phone JA 4-0918

WANTED: ALL FLORIDA FIELD DAY SCORES. LIST THE FOLLOWING: NAME OF CLUB OR GROUP, SCORE BREAK DOWN AND TOTAL, TYPE OF TRANSMITTERS, LOCATION AND HOW MANY OPERATORS. DON'T DELAY DO IT TODAY. Editor Skip, Box 501, Miami Springs 66, Fla.

FOR SALE: Globe LA-1 Linear, 200 watt AM, 300 c.w. 400 PEP SSB. Final has four 6CN7 tubes, built in 1000 v. 300 ma. supply. $5 0or swap for mobile gear, preferably 6 and 10 meters. Ross K4NVD, c/o Tampa Tribune, Photo Section, Tampa, Fla.

WANTED: Low frequency receiver. Range 14 to 500 kc. Prefer RBL. C. C. Cook, W4SIR, 2 Carlisle Drive, Miami Springs 66, Fla. TU 8-3890.

FROM ESTATE OF CHESTER CORRIGAN K4IFR: Hammerlund HX-500. Chippewa Linear amplifier K2-1 and power supply K-S, Heathkit. E-Z Way Tower, Rotator and Mosley beam. RTTY gear. Many, many excellent items, all like new. Please come see it. Mrs. C. J. Corrigan, 1105 NE 89th St., Miami, Fla.

WANTED: All DX'ers and others who like to travel the world, write for info on the International Ham-Hom Club. You'll be surprised what this Club can do for you while travelling abroad. Write R. Lee Gunter W6THN/1, Biology Dept., Brown University, Providence 12, R.I.

FOR SALE: Phone patch, Lafayette, Model HE-26, won at Hamfest, never used $15 or trade for like new Vibroplex bug. Adolph E. Moebs WA4CIL, 3920 Central Ave., St. Petersburg 11, Fla.

FOR SALE: Complete APX-6 with conversion instructions, manual, plugs and connecting cables $35 my cost. ARC-3 2 meter receiver ready to convert $20. WANTED: Contacts on 6 2, 1½ and ¾ meters. Al Johnson, W4LSA, 67 W. 10th St., Hialeah, Fla.

FOR SALE: Comoco (Commercial mobile) converted to 6 meter. RCA Commercial mobile, not converted, both 6 volt operation. R-19 FM receiver 70-95 Mc. T-14 FM transmitter (as is). George Reed K4-HXU, 1350 W. Fairbanks Ave., Winter Park, Fla.

LICENSE COURSE. Code and theory amateur radio starts at Southwest Miami High School Sept. 4, 1962. Two classes. Mon-Wed and Tues-Thurs. from 7 to 10 p.m. Fee for the course $2.00. For more information call Miami MO 1-2804, A. Wilcox, W4ELR.

FO RSALE: B & W Grounded grid linear amplifier LPA-1, full KW with LPS-1 power supply $190. DX-100, clean, $140. Geo. Zak K4RFJ, 2071 Oakadia Dr. Clearwater, Fla.

FOR SALE: Jeanette Rotary Converter, 12 v.d.c. input, 110 v.a.c. output at 1.5 amps with filter $25. Malloiry vibropacks 6 v. input single and double with vib and 6 x 5's $5 and $8. 6 v. dynamotor 235 v. out $5. 12 v. dynamotor 250 v. out $5 12 v. dynamotor 440 v. out $5 all new. PE-101C converted, new $7.50. ARC-5 receiver 1.5 to 3 mc with 6 volt tubes and y v. vib supply and spkr in metal cabinet $20. Gonset super-six converter with TNS $20. Tubes 4-125 new $10 two VT-127A $1 each two HY-40Z $1 each five 1625 for $1. Transmitting varable condensers 50 to 250 mmf, single and double to 5, 000v. $1 write for list. VFO 80 and 40 coils and power supply $5. Neil Spencer W4PC, P.O. Box 482, Pinellas Park, Fla.

WANTED: JOHNSON KW Matchbox. State price and condition please. Andy Clark, W4IYT 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

FOR SALE: Complete mobile station: Heathkit Cheyenne, Gonset Super-Six converter, Multi-Elmac M-1070 power supply and mosely MA-3 tri-band whip. All are in like new condition. Will sell separately or all for $175. Ken Hirsch K4FIE, 1371 N. W. 172 St., Miami. NA 4-8115.

FOR SALE: Carter Genemotor, 12 volt, 5.8 amps input, 300 volts, 150 ma output, just reworked and in perfect condition. Cash. D. Goodman K4ELT, R3, Box 395, Lakeland, Florida.

WANTED: Globe LA-1 or Hallicrafter HT-31 Linear. Must be in good condition and priced right. Lee Firman W4JWU, Box 84, 2775 W. Okeechobee Road, Hialeah, Fla. Phone 887-1776.

TRADE: Brand new Collins 75S3 receiver for good 75A4 and some cash. Jess Price W4CLJ, 411 Gunby Ave., Orlando.

FOR SALE: HT-32 sideband transmitter. All bands ,144 watts PEP $350. Duke Contini W4YUU, 1214 Chesterton Ave., Orlando, Fla. 855-3826.

FOR SALE: Mosley TA-36 6 element tri-band beam. Used 6 months cost $129 my price $65. Grounded grid 2 KW PEP Linear 80-10 meter 2 parallel 4-250s with 4000 volt plate supply at 500 ma $175. A. West W4SDC, 10615 Orange Blossom Lane, Largo, Fla. Phone 391-1009.

WANTED: All active Florida amateurs send for your AREC State Manual. Send your donation for the Manual to FLORIDA SKIP, Box 501, Miami Springs 66, Fla.

WANTED: FLORIDA DX'ers join the Florida DX Club. FDXC publishes an excellent D Xreport with the hotest DX news anywhere. Join the gang. Write Bev Cavender, W4CKB, Box 88, Lake Placid, Florida for details.

FOR SALE: Two 4-125A tubes, used, good condition $4 each. Interested in power supply plate transformer, 115 input at least 6 KV out at 350 ½ma. Bee Walton, K4JLD, 5175 Lake Howell Road, Winter Park, Fla. Phone MI 4-3199

FOR SALE: New 450TH $12. 250TL $10. G. B. Chick W5AWG/4, Hartung Lodge D-10, Riviera Beach, Fla.

FOR SALE: 20A factory wired QT-10 and BC458 VFO 80 thru 10 all FB with manuals $150. No trades. A. B. Smith W4OOZ, 3315 Korina Lane, Tampa 12, Florida.

FOR SALE: Heath Apache good condition but needs to be recalibrated best offer over $200. Barry Millman K4CSW, 1919 Bay Dr. Apt. 37, Miami Beach 41, Florida. UN 6-8284.

WANTED: 115 volt coax relay in good condition reasonable. Al Johnson W4LSA, 67 West 10th St., Hialeah, Fla. TU 7-2027.

FOR SALE: SECO grid circuit tube tester, perfect $8. EICO model 625 tube tester, mutual conductance type new roll chart, perfect shape, with instruction book $15. Hickok model #125-B Oscilloscope, new tubes, good shape with manual $23. Heathkit QF-1 Q-Multiplier, never used, tests perfect with manual $7. Gonset short wave converter, 12 volts for 49-31-19-13 meter bands. Needs one tube $7. Hallicrafters SX-62 all bands plus FM newly aligned, excellent SW receiver, new tubes, lists on todays market at $175. — cash price $144. Reid Martin W4VDY, 110 East Irma St., Tavares, Fla.

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

FLORIDA AMATEUR —
(Cont. From Front Page)

and material gain, amateurs individually and collectively have contributed significantly to the advancemento f the state of the art of communications, and

WHEREAS, through their voluntary activities, amateurs through Florida and the United States have made significant contributions toward the maintenance o f international good will between the U. S. and the world, and

WHEREAS, purely unselfish personal reasons, amateurs have aided and contributed to the rehabilitation of blind and otherwise handicaped persons, procured medical asistance and other asistance for the isolated and desperate in all parts of the world and

WHEREAS, amaaeur radio operators in Florida and elsewhere have strengthened the gonds to their homes for thousands of service men stationed in the Artic, Antartic, the remote tracking stations, scientific exploring parties and military bases all over the world, and

WHEREAS, Florida Amateur Operators stand ready at all times to go to the aid of the nation in case of national emergency,;

NOW THEREFORE, I, Farris Bryant, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim June 24-30, 1962, as

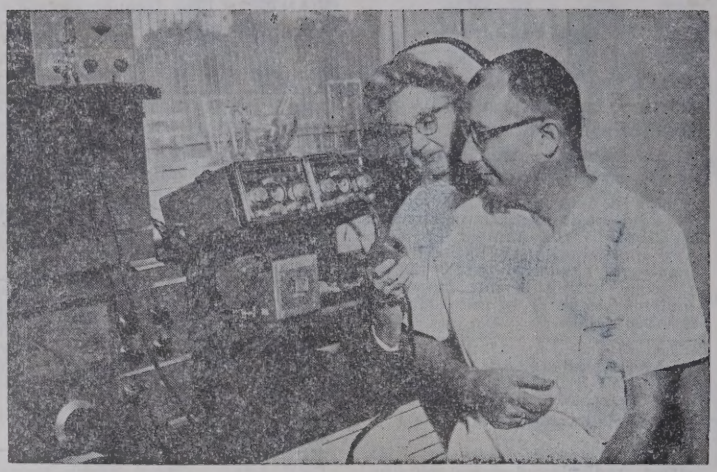
FLORIDA AMATEUR
RADIO OPERATORS WEEK

in Florida, and call upon the citizens of this state to join with the Amateur Radio Operators in observance of this week with appropriate exercises to further and stimulate interest in amateur radio.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 17th day of June, A.D. 1962.
Signed

Farris Bryant

Governor - Stateo f Florida



If you hear QRM from "test tubes" in the back ground while K4BOO is on the air, don't let it worry you. JIM Lawson of Ocala has this slick portable Gonset set-up at the West Volusia Memorial Hospital. While not busy with his pharmacy duties, Jim might be found on 40 or 80 meters. When it's time to go home, he picks up the rig and places it on the floor of his car — and a mobiling he goes. Who is the nurse? Mrs. Lena Long. (Photo by K4NVD)

KIT BUILDERS —
(Cont. From Front Page)

He started building a kit . . . and I thought I could help by reading the directions. (Togetherness, Mabel. It didn't work for me either). Well, those directions are written by the same poor twisted souls who write income tax forms. I can tell.

For two pages I went all out to be an understanding, helpful wife. Then Homer said, "Please, dear, do not give me any more of your little explanations of these instructions, do not give me your opinions of these instructions, and do not ask me questions about these instructions. Just R E A D T H E INSTRUCTIONS".

So I got to a part that said "Run blue wire from tube socket 5, pin 6, to terminal strip 4. lug 4, soldering firmly to red wire, brown wire, white wire, and orange wire which are also connected to strip 4, lug 4.*"

It took a while, but my Homer did it. Then . . . I noticed the * at the end of their sentence. There was a footnote, It said, "Be sure, before soldering, to run blue w i r e through previously formed harness, passing well a w a y from grid lead and behind tube socket 6."

Guess where Homer had run his blue wire?

Love,
Gladys

STATE CD PLAN —
(Cont. From Front Page)

tems, facilities and capabilities will be employed at State and Local Government levels for radio traffic in natural disasters in accordance with the State of Florida AREC Communications plan."

This is the CD Operational Plan approved by Governor Bryant and now in effect for the State of Florida.

This is another official recognition that Amateur Radio —in its own name as the AREC, with its own equipment and its own operators, on its own frequencies under its own discipline — can and does fulfill one of the prime reasons for which it was created and one of the most important reasons we still have our frequencies in the increasingly crowded spectrum. We exist ONLY because we can and do perform vital public services.

If you haven't done so yet, P L E A S E sign up in the AREC with your County EC today. If you don't have one or know who he is, drop your SEC a card for details. See Page 2 for E and W SEC in Florida. (From W Fla. SEC Bulletin W4MLE).

CB vs. HAM

Editor, Florida SKIP:

Enclose please find $2.00 cash for 1 year subscription to your Regional Newspaper which I am interested.

I note an article on CB vs. Ham on Civilian Defense, and I agree basically with your notes — I would express the following words — Why must CB & Ham be at each other throat, why can't it be a combined agreement?

I understand that CB has a CD channel — "23A.' It would be a good idea for ARRL — RACES and Citizen Band to get together why fight? True — we took your 11 Meter Band away but you folks were not using it just like you might loose 10 meters. In 1949 10 meters was a "Hot Band" just because a low spot on the scale on openings you should not use it.

Low Power on CB, so were QRP SW. Many stations with good antennas go out 100 miles ground wave. Lets stop kicking Citizens Band Radio and marry it with Ham Radio so its more Code Ham Band — so we swap QSL cards. Don't broadcast stations? I would like to see every K4, W4 in Florida have a Citizen Band License.

73's
"Mort" 2W2722
Ch. 1, 5, 9, 11, 14

Editors note: Thanks for your views on how we "might loose 10 meters." What I would like to see is every "2W" in New York get at least a Novice License so they can talk hour on end, swap QSL cards, etc., without doing it sneaky. Come on, join the fun, see you on the 10 meter amateur band.

AREC MANUAL —
(Cont. From Front Page)

clearly and in a most understandable manner.

The AREC procedure outlined is clear and well-defined that no operator with any skill at all could misconstrue it, even if he had to refer to the manual for guidance.

The additional data, such as Q signals, phonetic alphabets and ARL Numbered Message texts, which have been included make this little b o o k a "must" on the operating table at any time, let alone on emergency.

Thanks for letting me in on the first copies. 73

Tip, W4GJI